DRMS (Delta Risk Management Strategy)
Infrastructure Data Catalog

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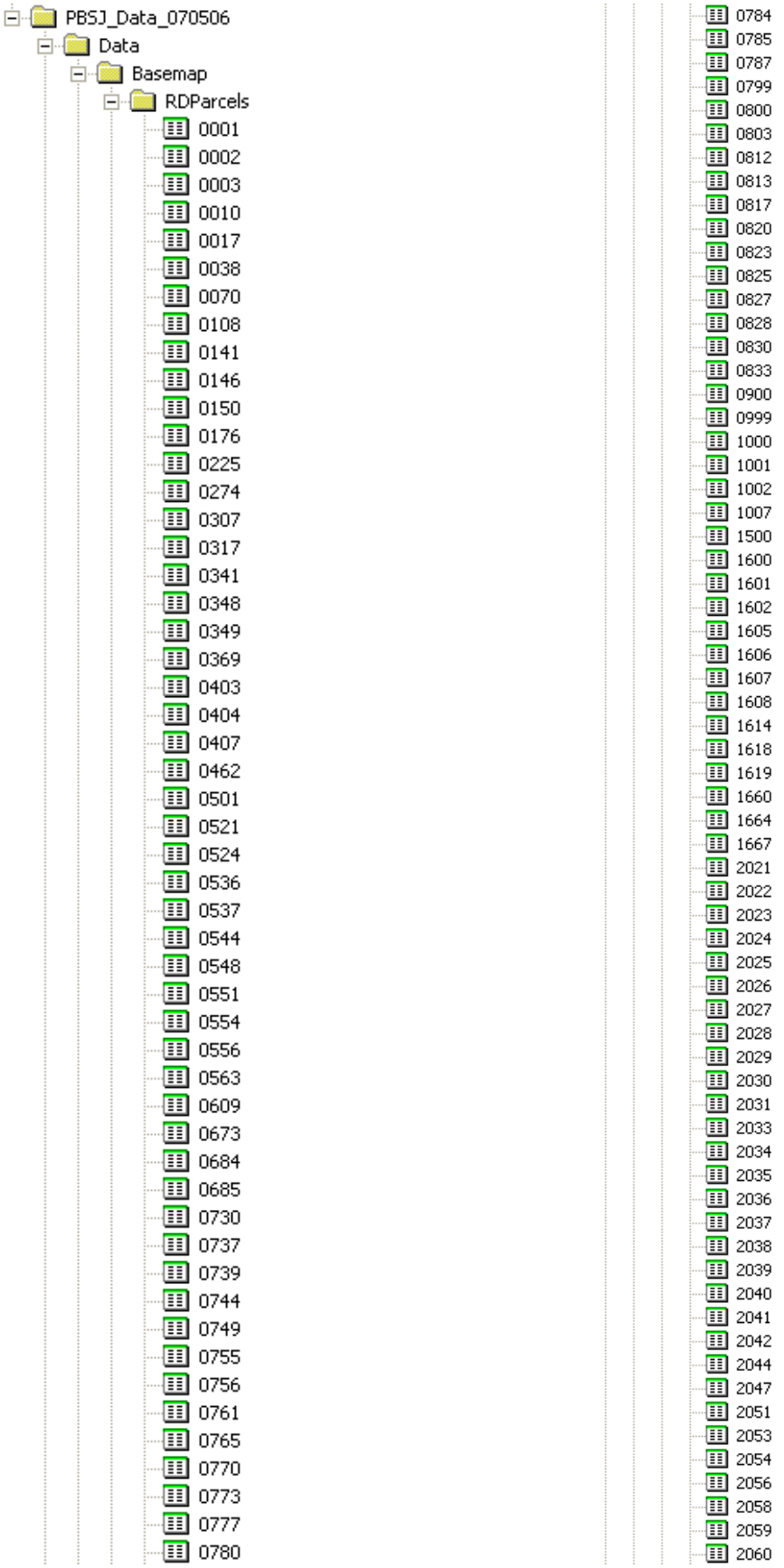
Created July 2006

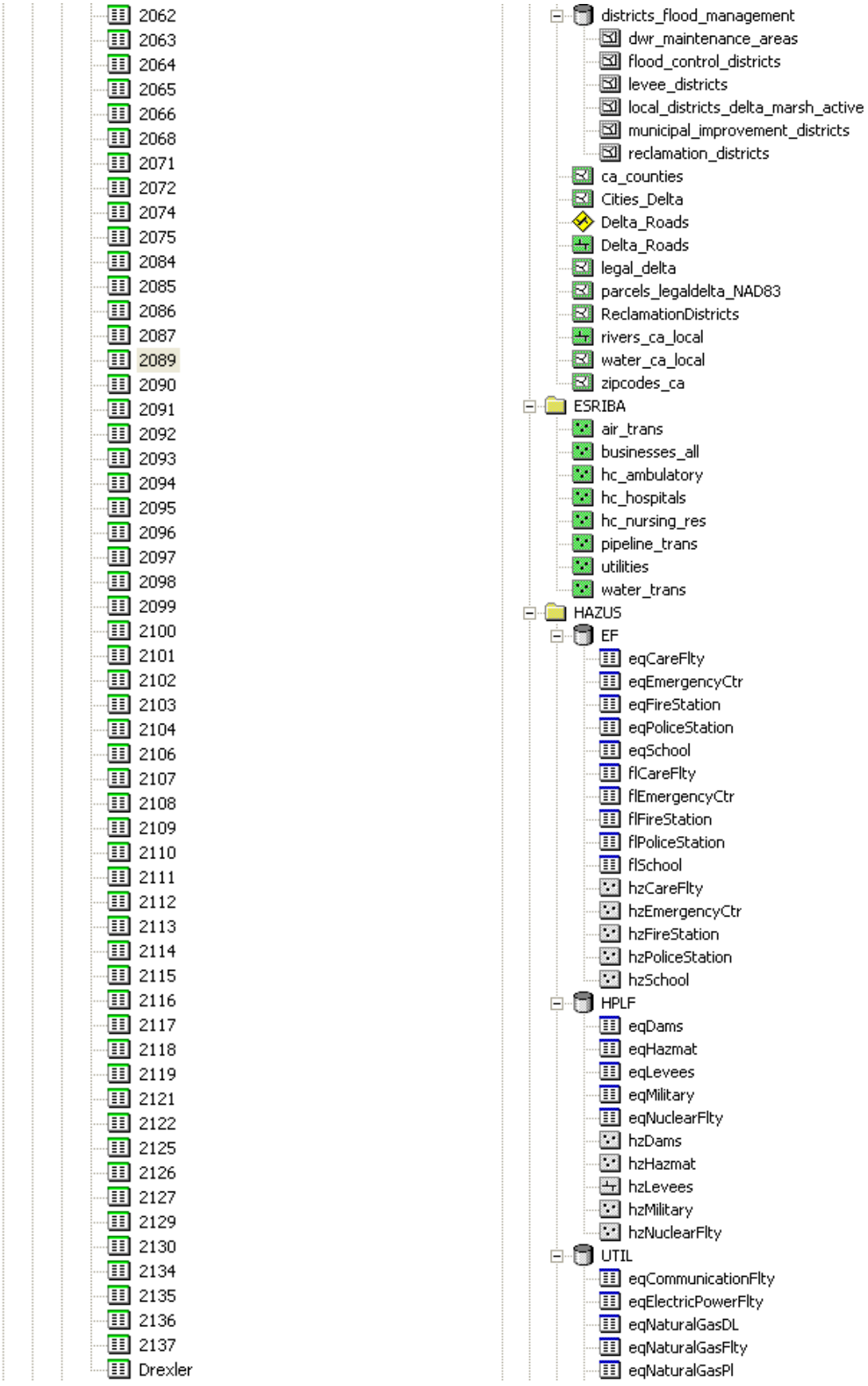
DRMS (Delta Risk Management Strategy)

DWR



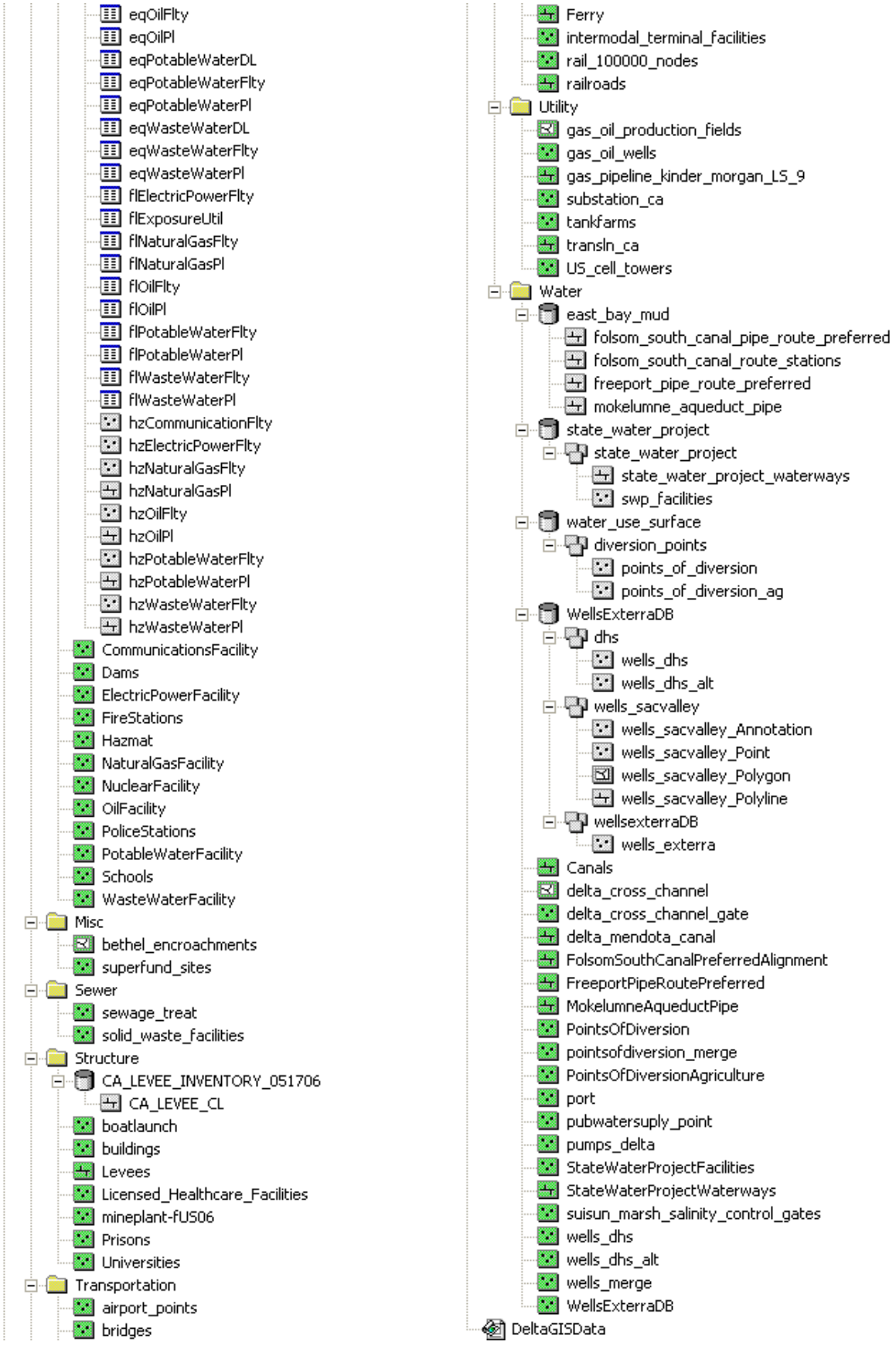
DRMS (Delta Risk Management Strategy)

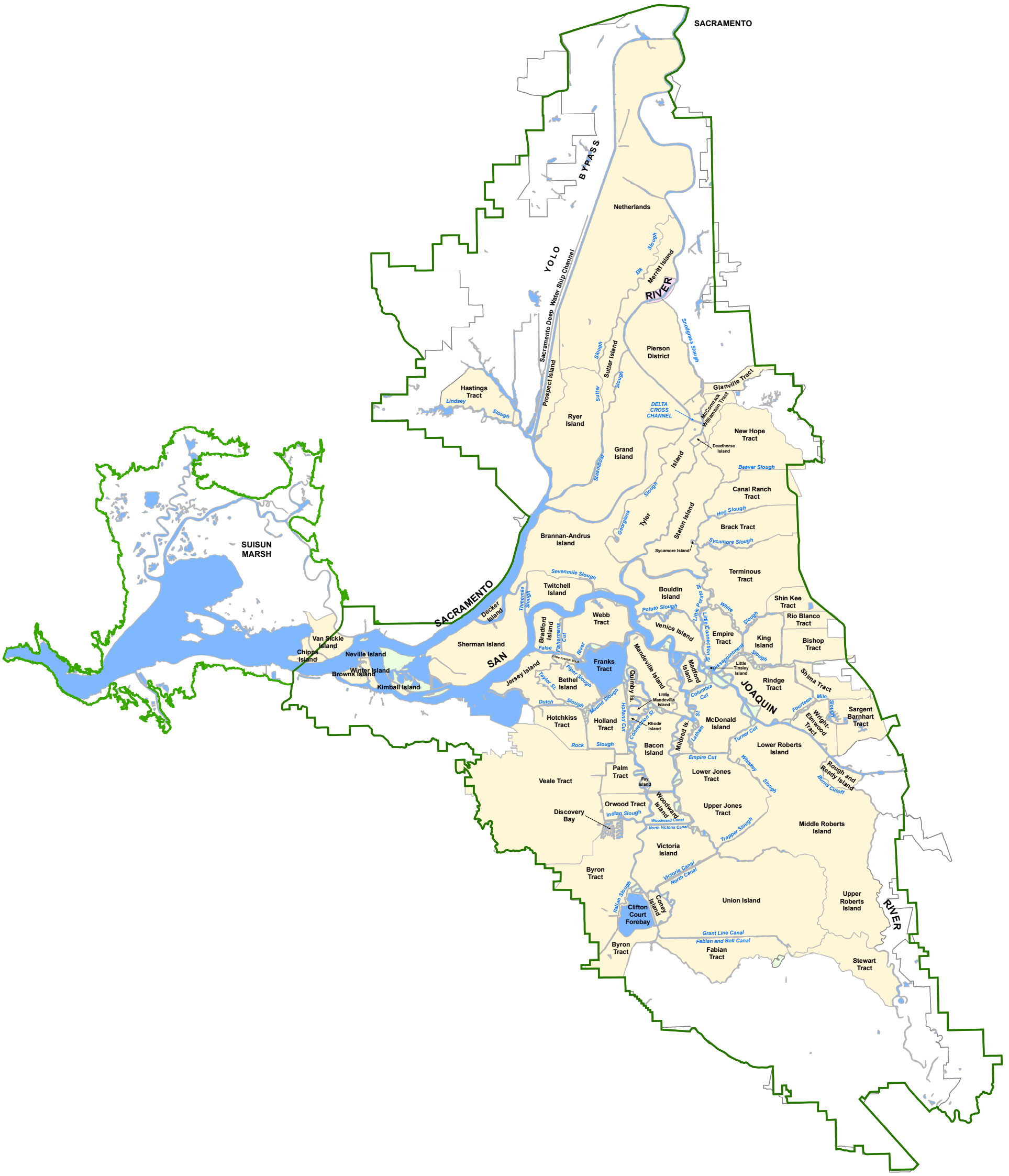
DWR



DRMS (Delta Risk Management Strategy)

DWR





Legend

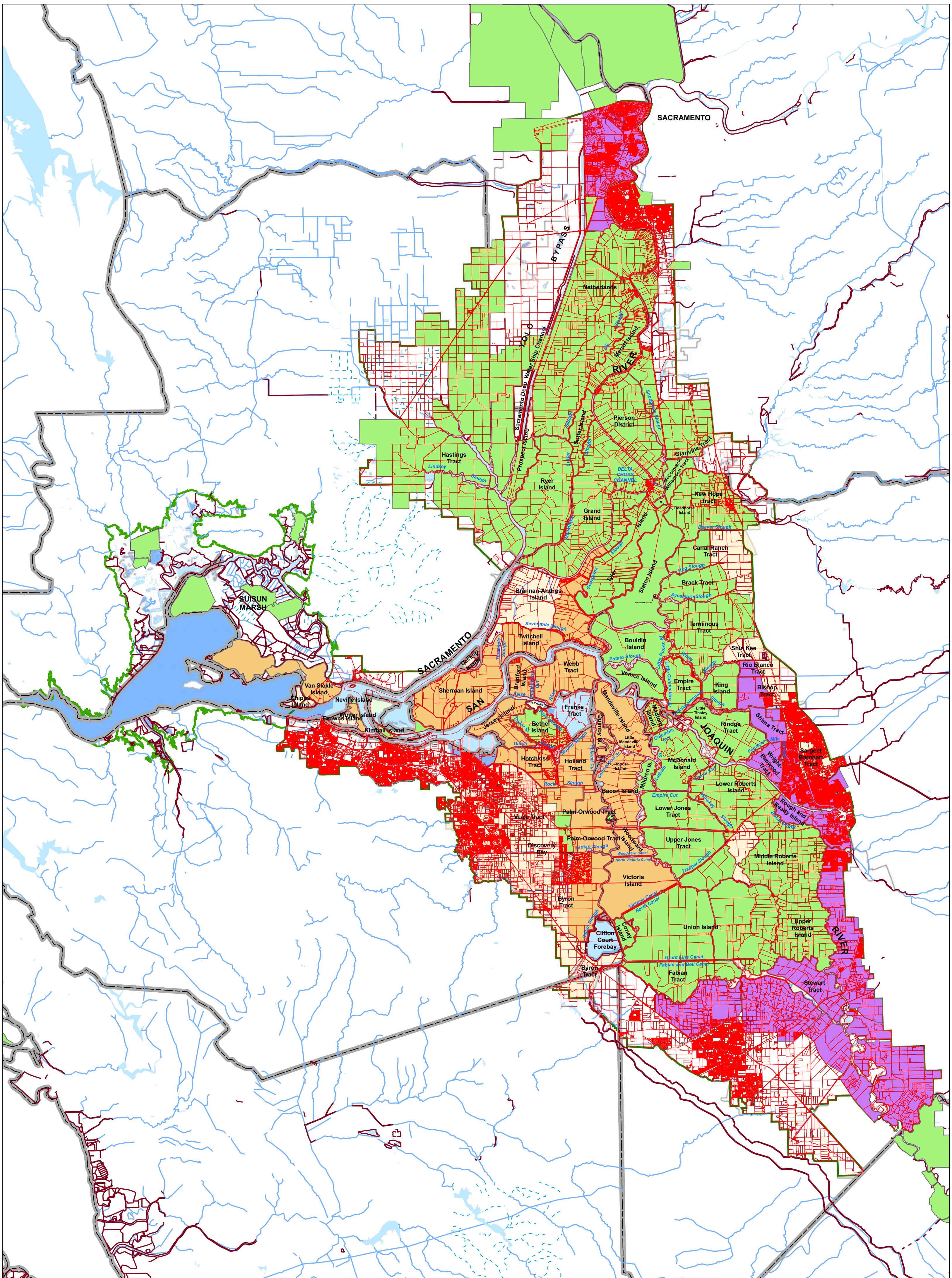
- Legal Delta v2002.4
- Legal Delta v2002.4 and Suisun Marsh

0 5 10 Kilometers

URS	DRMS 26815431	DELTA ISLANDS AND SLOUGHS

Figure

URS Corporation P:\GIS\GIS_Project_Files\MXD\Current Working Documents\Basemaps\The legal delta its islands and Suisun marsh.mxd Date/Time: 5/26/2006 10:52:16 AM Name: dhwrigh0



Legend

Levees	Delta Assets: Priority 1	CA Counties
Parcels	Delta Assets: Priority 2	Bay, estuary, gulf, or sound
	Delta Assets: Priority 3	Intermittent canal, ditch, aqueduct, stream, river, or wash
		Perennial canal, ditch, or aqueduct; stream, river; Reservoir

CA Water
Legal Delta v2002.4
Legal Delta v2002.4 and Suisun Marsh

0 5 10 Kilometers

URS

DRMS	PBS&J Data Parcels & Reclamation District Boundaries	Figure 9
26815431		

URS Corporation P:\GIS\GIS_Project_Files\MXD\Analysis\PBS&J_Data\Parcels_&_District_Boundary.mxd Date: 7/13/2006 5:06:50 PM Name: cxbente0

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Basemap/ RDParcels

Dbf. Files

RD Parcel DBF Files with no data:

0010	0777	1001	2053	2103
0070	0780	1500	2054	2106
0108	0784	1600	2056	2109
0225	0785	1602	2063	2112
0462	0787	1605	2066	2122
0521	0803	1606	2071	2125
0609	0812	1618	2087	2127
0685	0817	1660	2091	2129
0730	0820	1664	2092	2130
0737	0823	2031	2097	2134
0739	0825	2034	2099	2135
0749	0827	2035	2100	2136
0761	0833	2047	2101	
0770	1000	2051	2102	

*Remaining RD Parcel DBF Files shown in file map contain attribute data

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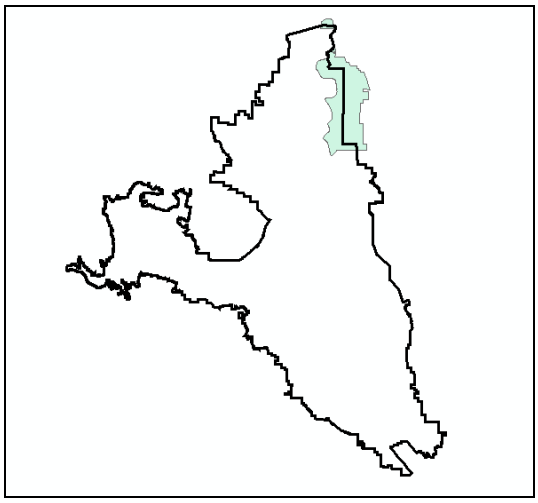
districts_flood_management.mdb (Geodatabase)/ dwr_maintenance_areas



Geometry Type: Polygon
Number of records: 11
Theme: DWR Maintenance Areas
Place: California
Temporal: 2002.10
Abstract
DWR flood maintenance areas. These are areas that for various reasons did not organize into reclamation districts. In the interests of complying with federal requirements along the Sacramento/San Joaquin Flood Control Project levees, DWR maintains the levees through the maintenance yards, then assess the protected properties accordingly. These files were created by the California Governor's Office of Emergency Services.
Note from 5/2001 (J Dudas). After speaking with Donna Glover (DWR Flood Management), it seems the original shapefile came from DWR ??, but was probably just made as a buffer. In looking at it, this makes sense. DWR Maintenance Areas 4, 5 , 9, & 13 are what could be described as accurate delineations, as opposed to the others which have boundary problems. There are many copies of the crude, generic buffer version floating around....to my knowledge this is the best available. If you have something better, please advise me of it.
The Edge-matching errors, overlaps and underlaps in coverages, and similar problems were not corrected during digitizing. All other specifications for the horizontal control of vector data are consistent with those required for mapping at the scale of 1:24,000. Please note that these coverages are still in development. Contact FEMA Public Assistance Office or U.S. Corps of Engineers office at the FEMA DFO for additional attribute information.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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This was one of the data files that were created as a result of emergency response and recovery activities associated with the late December, 1996, and early January, 1997 storms in California. As a result of extensive flooding , Forty Eight (48) counties were declared Federal Disaster Areas.

During the early disaster response missions, Federal agencies joined together to manage the repair and funding of eligible levees and other flood control works damaged by the flood waters. The US Army Corps of Engineers (USACE), the Federal Emergency Management Agency (FEMA) and the USDA National Resources Conservation Service (NRCS) joined to determine eligibility of applicants who requested federal assistance to repair levees to their original pre-flood condition.

The lack of a single comprehensive source of flood control information prompted FEMA, USACE and the California Office of Emergency Services (OES) to compile geographic and attribute data for federal, state and local flood control structures.

This coverage is included for viewing purposes only. The Interagency GIS team makes no representation as to the suitability or accuracy of these data for any other purposes.

Purpose

Locate DWR Maintenance Areas.

Supplementary Information

Original data files provided by Donna Glover, DWR Flood Management, between 11/2000 and 2/2002 to Joel Dudas, DWR Delta Levees. Joel organized the "best" maintenance areas which Donna provided into a geoDB and loaded the remaining crude delineation boundaries into this single geoDB feature class. So there is likely to be a better version coming along at some point which is more consistent. Cataloged into the Delta GIS Library 10/8/2002.

Published to DWR Spatial Data Library 2/24/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.

These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Alias: Dissolve_Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

AREA
Data type: String
COUNTY
Data type: String
PERSON
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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ADDRESS
Data type: String
CITY
Data type: String
ZIPCODE
Data type: String
PHONE
Data type: String
STATE
Data type: String
Shape_Length_1
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI
Shape_Area_1
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI
Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI
Shape_Area
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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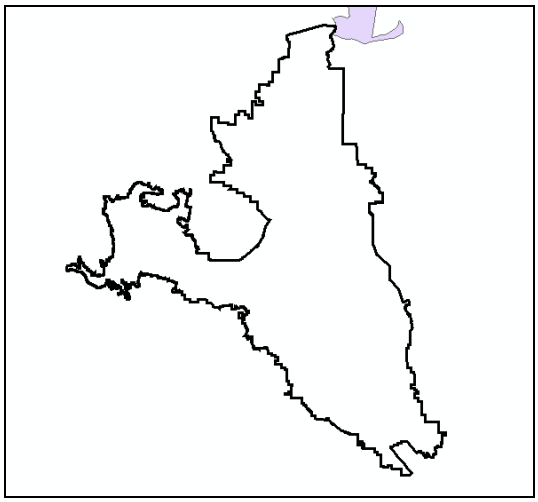
DWR

districts_flood_management.mdb (Geodatabase)/ flood_control_districts



Geometry Type: Polygon
Number of records: 1
Theme: Flood control districts
Place: California
Temporal: 2002.10
Abstract
Flood Control Districts. To my knowledge the only one which exists today is the American River district.
Purpose
Identify who is responsible for flood control in an area.
Supplementary Information
Published to DWR Spatial Data Library 2/24/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.
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Attributes:

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Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

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OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

DISTRICT
Data type: String

RD_NO
Data type: String

RD_NAME
Data type: String

RD_CNTY
Data type: String

PERSON
Data type: String

ADDRESS
Data type: String

CITY
Data type: String

ZIP_CODE
Data type: String

PHONE_NO
Data type: String

STATE
Data type: String

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Shape_Area
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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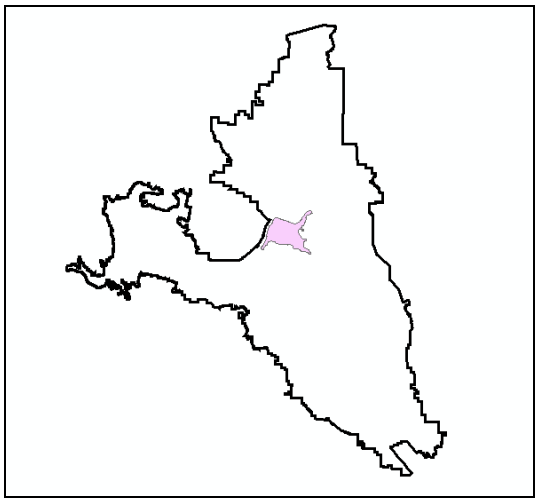
districts_flood_management.mdb (Geodatabase)/ levee_districts



Geometry Type: Polygon
Number of records: 13
Theme: Levee Districts
Place: Central Valley, California
Temporal: 2002

Abstract

Levee districts in the state of California. Levee districts are like Reclamation Districts, only they are only concerned with flood protection (levees), not water supply as well. Brannan-Andrus Levee District was formed from 4 smaller Reclamation Districts. This was one of the Ron Landigham Bernoulli GIS series. It was in a folder called "OESdata", so presumably it is from California Office of Emergency Services. There are 4 district boundaries that differ from the levee district boundaries shown here, and I do not know which set is correct. Be advised there is a second set that disagrees with these.

Purpose

Locate levee districts.

Supplementary Information

Source is the Landigham Bernoulli Tomb. Published to DWR Spatial Data Library 2/24/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.

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Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

AREA
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

PERIMETER
Data type: Double
Definition:
Perimeter of feature in internal units.
Definition Source:
ESRI

LEVEE_DISTRCT_
Data type: Integer
Definition:
Internal feature number.
Definition Source:
ESRI

LEVEE_DISTRCT_ID
Data type: Integer
Definition:
User-defined feature number.
Definition Source:
ESRI

DISTRICT
Data type: String

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Shape_Area
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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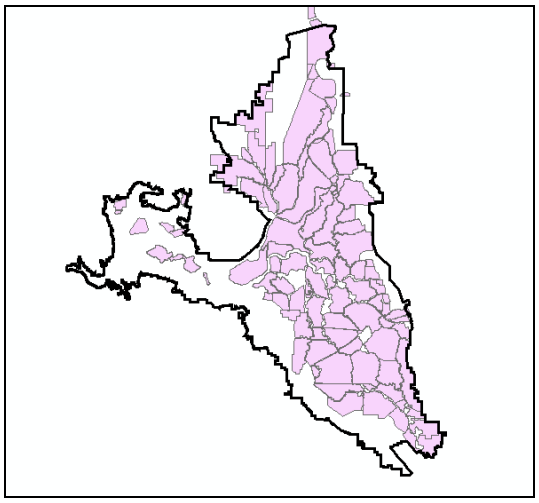
districts_flood_management.mdb (Geodatabase)/ local_districts_delta_marsh_active



Geometry Type: Polygon
Number of records: 107
Theme: local flood districts, active, boundaries, reclamation districts, levee districts, municipal improvement districts
Place: California, Delta, Suisun Marsh
Temporal: 2006.01

Abstract

This dataset is a compilation of the current active responsible flood districts in and around the Delta & Suisun Marsh that are active as of 1/2006. The set was created to simplify the depiction of current districts of primary active responsibility in the Delta. As such, they are districts that would be eligible to participate in the DWR AB360 Program.

Supplementary Information

Published to DWR Spatial Data Library 1/14/2005. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.
These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

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Attributes:

OBJECTID_1
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

R_D_NO
Data type: String

COUNTY
Data type: String

RD_NAME_1
Data type: String

PERSON_1
Data type: String

ADDRESS_1
Data type: String

CITY_1
Data type: String

ZIP_CODE_1
Data type: String

PHONE_NO_1
Data type: String

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Shape_Area
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Shape_Area
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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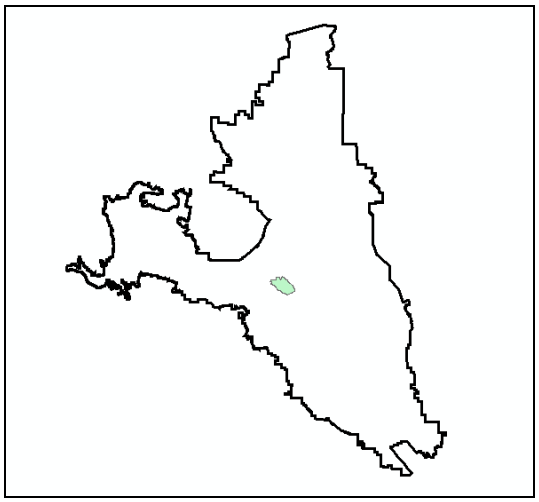
DWR

districts_flood_management.mdb (Geodatabase)/ municipal_improvement_districts



Geometry Type: Polygon
Number of records: 1
Theme: Municipal Improvement Districts
Place: Bethel Island
Temporal: 1999
Abstract
Municipal Improvement Districts. To my knowledge, the only one which exists is Bethel Island. This is very similar to a reclamation district.
Supplementary Information
Published to DWR Spatial Data Library 2/24/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.
These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

Attributes:

OBJECTID	Internal feature number.	Shape
Data type: OID	Definition Source:	Data type: Geometry
Definition:	ESRI	Definition:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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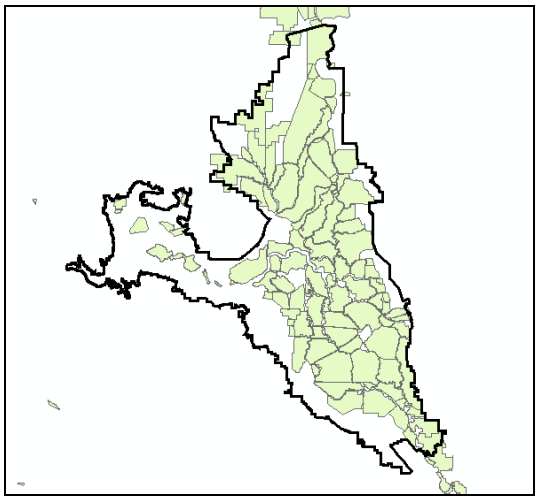
Feature geometry.
Definition Source:
ESRI
DISTRICT
Data type: String
RD_CNTY
Data type: String
PERSON
Data type: String
ADDRESS
Data type: String
CITY
Data type: String
ZIP_CODE
Data type: String
PHONE_NO
Data type: String
Shape_Length
Data type: Double
Definition: Length of feature in internal units.
Definition Source:
ESRI
Shape_Area
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

districts_flood_management.mdb (Geodatabase)/ reclamation_districts



Geometry Type: Polygon
Number of records: 175
Theme: Reclamation Districts, boundaries, version 7
Place: California
Temporal: 2006.03
Abstract
Reclamation district boundaries within the state of California. This delineation represents the seventh major revision of this dataset, after the sixth revision from 2/2006, after the fifth major revision from 1/2005, the fourth major revision from 10/2004, the third major revision from 6/2003, the second version from 10/2002, and after the first version produced by Office of Emergency Services during the 1997 floods. It was recognized that certain district boundaries in that GIS coverage were inaccurate, which prompted DWR Delta Levees Program to undertake an improvement of the entire dataset beginning in May of 2001.
Version 7 notes: 3 of the Suisun Marsh Districts were completely remapped. Due to a suspect shared boundary between Honker Bay Club & Simmons-Wheeler, the District engineer (MBK Engineers) was contacted for updated levee stationing, which revealed the more correct versions of those three districts as seen here. In the case of S-W & Honker Bay, the levee centerlines supplied by MBK Engineers were used to delineate the District boundary, so the actual boundaries are more waterward of these boundaries. For Van Sickle Island, the 2003 color ortho of Suisun Marsh was used to guide the boundary draw, following the levee in the ortho and the stations from the files, as they indicated. The original field info was carried over into the new polys, and the old polys were deleted.

Note: Yellow Highlighted Fields are not populated
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Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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Also, RD 2121 Bixler Tract was added. There isn't much info on this district anywhere that I can find. They aren't even in the directory of flood officials. But it is an active district. This may have been a remnant district created after the merger and re-alignment of Palm & Orwood into one RD, and it's numbering would be consistent with that, although that's speculative.

Version 6 notes: Palm & Orwood Tracts (RD 2024 & 2036) were combined into Palm-Orwood Tract (RD 2024).

Version 5 notes: Two districts were added to version 4, Winter in Contra Costa County and Atlas in San Joaquin County. Winter had been represented by a now-defunct earlier district with a more extensive boundary. This represents the current district for that island. Atlas is a very small district right by Stockton that had previously been unknown to Delta Levees Program, and is now in the database.

Version 4 notes: Updated to include new Reclamation District 2137, Dutch Slough. District drawn according to plat map included with Legal Description filed with Contra Costa County LAFCO dated 7/8/2003. Parcels indicated on that map were selected from the Contra Costa County Assessor's office GIS layer and built into this Reclamation District boundary. So it was not drawn literally from the legal description metes and bounds.

Version 3 notes: The RD boundaries were improved to reflect: 1) changes to Hotchkiss Tract, approved by LAFCO, in 1/2003, 2) additional RDs in Suisun Marsh, and 3) updated contact information for some Delta districts. The Marsh district boundaries were drawn by interpretation from a hand-drawn map, of the general boundaries, then estimating the actual boundary based on imagery and other scanned maps. Otherwise, the data is as in version 2, described below.

Legal descriptions of individual Reclamation District boundaries were obtained wherever possible and used as the primary source for all boundaries. Although these boundaries are generally based on legal descriptions, and are therefore potentially relatively accurate, the boundaries in this dataset do not constitute a survey boundary for any land delineation application whatsoever.

In some cases, there were some problems with using the legal descriptions. For example, in some cases legal descriptions were simply not readily available, even though efforts were undertaken to obtain the descriptions from DWR Land & Right of Way, and from the individual district files themselves. Oftentimes, the legal descriptions were based on previous records were which either difficult and/or impossible to locate. For example, many Swamp Land Surveys, which themselves are of questionable "basemapping" practicality, were referenced in the legal descriptions. The mapping project did not warrant sufficient expenditure to locate and accurately map from such sources. Problems encountered where insufficient records were obtained are described below for the individual districts, so if the user is interested in an individual district, this dataset can be a helpful start.

This dataset, therefore, is somewhat of a Frankenstein, although the source of Frankenstein's body parts is fairly well documented. There are four primary mapping qualities (a database field describes which for each district) here: 1) districts mapped entirely from legal descriptions, 2) districts mapped from legal descriptions, but where

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some references of the description were either unavailable or otherwise insufficient for mapping, 3) districts mapped from DWR Land Use maps, as shown on those maps, and 4) districts mapped by the original Office of Emergency Services GIS coverage. This list also indicates the order of preference used in building this final RD dataset. Hotchkiss Tract was mapped from a revised boundary provided by KSN Engineers to DWR Delta Levees during 1/2002. Walnut Grove (RD 554) was modified to include the other side of the Slough, and the southeast corner of Union Island East, on the other side of the back levee, was included as appropriate. A few other districts remain in glaring question, for example, the actual boundary of Drexler Tract.

The table also includes information on whether or not certain districts are active and some contact info (from the OES '97 table). The active/inactive information is as discussed in Bulletin 37, 1930, Division of Water Resources report "Financial & General Data Pertaining to Irrigation, Reclamation, & Other Public Districts in California." RD 1619 (Bethel Island), 317 and 407 (Brannan-Andrus) were changed to inoperating as per current knowledge.

Some districts which are not reclamation districts, but which previously have been lumped into RD shapefiles and coverages, were not included in this dataset. Most notably, Stanislaus (an irrigation district), American River (a flood control district), Bethel Island (a municipal improvement district), and Brannan-Andrus (a levee district), are not in this dataset. Bethel Island Municipal Improvement District's predecessor, RD 1619, is in this database, but this is an inactive RD. See other feature classes in the "districts_water_management" geoDB for these boundaries.

Mapping was conducted as follows: Melissa Lee, under DWR Delta Levees, worked with Jean Woods (DWR Central District) on an AutoCAD station to map the boundaries according to the Land Use maps. It became apparant that this method was insufficient for many cases, so Melissa obtained DWR Land & Right of Way copies of Reclamation District boundary legal descriptions as available. Melissa completed some of this mapping. In 9/2001, Joel Dudas provided Chico State University Geographic Information Center with the legal descriptions and with the draft shapefiles from land use and legal boundaries. Additional boundaries, including more legal descriptions, swamp land surveys, and old maps, were obtained by Joel Dudas from the State Archives, the State Lands Commission, and the RD legal representatives, as available. Chico State (contact Jason Schwenkler) mapped from legal descriptions onto 1:24000 quads as physical control. The completed districts were sent to Joel Dudas in 9/2002 in one large merged file. Dudas then augmented the Chico State work with the existing attribute data, merged the districts absent in either the legal or land use collections, and compiled the results in 10/2002 for review. The documentation of the individual district issues, contained below, was prepared by Chico State. In effect, the legal boundaries are mostly from Chico, the "land use" boundaries are from DWR Land Use maps, and the others are from the original OES '97 shapefile. Some boundaries in the Delta were modified by Delta Levees as known.

There are undoubtedly improvements which can be made to this dataset. Comments and improvements should be forwarded to DWR Delta Levees Program (Joel Dudas) 916-651-7002 for synthesis.

Note: Yellow Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

Basemap

DRMS (Delta Risk Management Strategy)
DWR

Attributes:

OBJECTID_1
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

R_D_NO
Data type: String

COUNTY
Data type: String

rd_status
Data type: String

RD_NAME_1
Data type: String

PERSON_1
Data type: String

ADDRESS_1
Data type: String

CITY_1
Data type: String

ZIP_CODE_1
Data type: String

PHONE_NO_1
Data type: String

boundary_status
Data type: String
Definition:
Feature geometry.
Definition Source:
ESRI

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Shape_Area
Data type: Double
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

attorney_name
Data type: String

district_engineer
Data type: String

chairperson
Data type: String

trustee
Data type: String

trustee_2
Data type: String

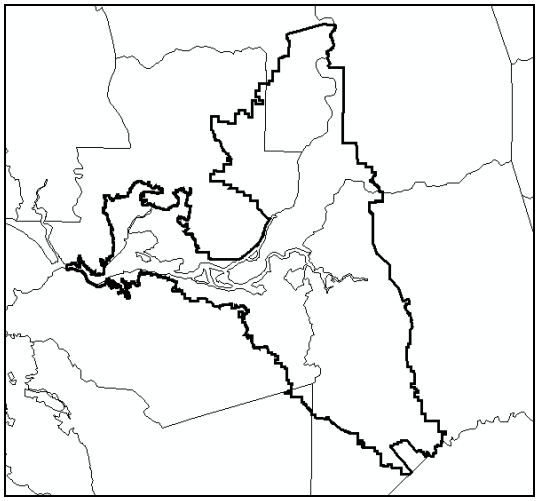
Priority
Data type: SmallInteger

DBF_Link
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

ca_counties.shp



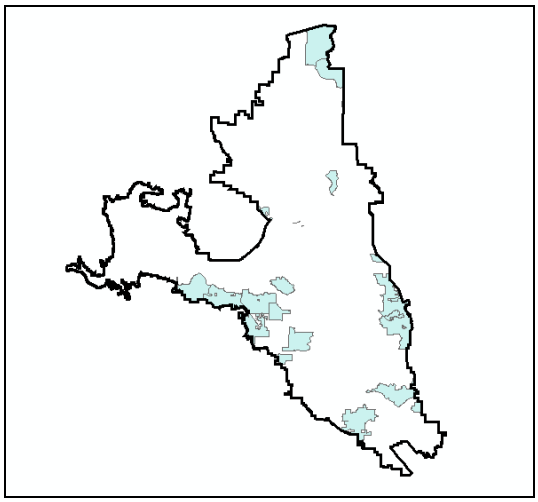
*Data Available for all of California
Geometry Type: Polygon
Number of records: 72

Attributes:

FID	ESRI	Definition Source:
Data type: OID	Shape	ESRI
Definition:	Data type: Geometry	CNAME
Internal feature number.	Definition:	Data type: String
Definition Source:	Feature geometry.	

DRMS (Delta Risk Management Strategy)
DWR

Cities_Delta.shp



Geometry Type: Polygon
Number of records: 21
Theme: polygon, places, populated places, cities, towns, villages, demographics, housing units, boundaries, society
Place: United States
Temporal: 2002, 1984-2002, 2000, 2000
Abstract
U.S. Populated Place Areas represents populated place areas that include census designated places, consolidated cities, and incorporated places within United States identified by the U.S. Bureau of the Census.
Purpose
U.S. Populated Place Areas provides areal locations for populated places including attributes - name, FIPS code, Census class, area, and selected demographic data.
Supplementary Information
Largest scale when displaying the data: 1:100,000.

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

ObjectID
Data type: Number
Definition:
Internal feature number.
Definition Source:
ESRI

AREANAME
Data type: String
Definition:
The populated place name.
Definition Source:
Department of Commerce, Census Bureau

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

CLASS
Data type: String
Definition:
The class of the populated place.
Definition Source:
Department of Commerce, Census Bureau

ST
Data type: String
Definition:
The two-letter abbreviation for the state in which the populated place is located.
Definition Source:
Department of Commerce, National Institute of Standards and Technology

STFIPS
Data type: String
Definition:
The FIPS code (two-digit number) for the state in which the populated place is located.
Definition Source:
Department of Commerce, National Institute of Standards and Technology

PLACEFIP
Data type: String
Definition:
The FIPS code (five-digit number) for the populated place within a State.
Definition Source:
Department of Commerce, National Institute of Standards and Technology

HOUSEUNITS
Data type: Number
Definition:
The 2000 housing unit counts of the populated place.
Definition Source:
Department of Commerce, Census Bureau

POPULATION
Data type: Number
Definition:
The 2000 population of the populated place.
Definition Source:
Department of Commerce, Census Bureau

POP_CL
Data type: Number
Definition:
The code for the population class of the populated place.
Definition Source:
ESRI

AREALAND
Data type: Number
Definition:
The area in square miles of the populated place which is land.
Definition Source:
Department of Commerce, Census Bureau

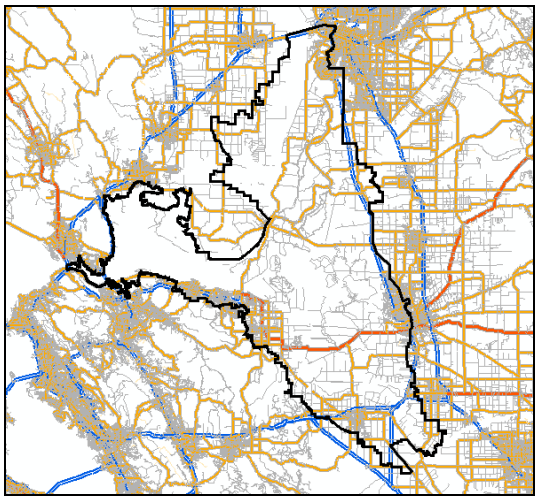
AREAWATER
Data type: Number
Definition:
The area in square miles of the populated place which is water.
Definition Source:
Department of Commerce, Census Bureau

shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Delta_Roads.lyr



Geometry Type: Line

Attributes:

ObjectID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

PREFIX
Data type: String
Definition:
The prefix direction.
Definition Source:
ESRI

PRETYPE
Data type: String
Definition:
The prefix street type.
Definition Source:
ESRI

NAME
Data type: String
Definition:
The name of the street.
Definition Source:
Geographic Data Technology, Inc.

TYPE
Data type: String
Definition:
The suffix street type.
Definition Source:
ESRI

SUFFIX
Data type: String
Definition:
The suffix direction.
Definition Source:
ESRI

L_F_ADD
Data type: String
Definition:
Left From address of the feature.
Definition Source:
ESRI

L_T_ADD
Data type: String
Definition:
Left To address of the feature.
Definition Source:
ESRI

R_F_ADD
Data type: String
Definition:
Right From address of the feature.
Definition Source:
ESRI

R_T_ADD
Data type: String
Definition:
Right To address of the feature.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

L_F_ADD_INT
Data type: Integer
Definition:
Left From address of the feature as integer.
Definition Source:
ESRI

L_T_ADD_INT
Data type: Integer
Definition:
Left To Address of the feature as integer.
Definition Source:
ESRI

R_F_ADD_INT
Data type: Integer
Definition:
Right From Address of the feature as integer.
Definition Source:
ESRI

R_T_ADD_INT
Data type: Integer
Definition:
Right To Address of the feature as integer.
Definition Source:
ESRI

CLASS_RTE
Data type: String
Definition:
Road class of the feature.
Definition Source:
ESRI

RAMP_CLASS
Data type: String
Definition:
Ramp class of the feature providing connectivity to CLASS_RTE hierarchy.
Definition Source:
ESRI

FROM_ELEV
Data type: String
Definition:
Street feature from elevation.
Definition Source:
ESRI

TO_ELEV
Data type: String
Definition:
Street feature to elevation.
Definition Source:
ESRI

HWY_TYPE
Data type: String
Definition:
Highway symbol type for the feature.
Definition Source:
ESRI

HWY_SYMBOL
Data type: String
Definition:
Highway symbol found on highway sign of feature.
Definition Source:
ESRI

SPEED_MPH
Data type: String
Definition:
Estimated travel speed in miles per hour for street feature.
Definition Source:
ESRI

PREFIX1
Data type: String
Definition:
First Alternate Street Prefix for feature.
Definition Source:
ESRI

PRETYPE1
Data type: String
Definition:
First Alternate Street Prefix Type for feature.
Definition Source:
ESRI

NAME1
Data type: String
Definition:
First Alternate Street Name for feature.
Definition Source:
ESRI

TYPE1
Data type: String
Definition:
First Alternate Street Type for feature.
Definition Source:
ESRI

SUFFIX1
Data type: String
Definition:
First Alternate Street Suffix for the feature.
Definition Source:
ESRI

PREFIX2
Data type: String
Definition:
Second Alternate Street Prefix for the feature.
Definition Source:
ESRI

PRETYPE2
Data type: String
Definition:
Second Alternate Street Prefix Type for the feature.
Definition Source: ESRI

NAME2
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Definition:
Second Alternate Street Name for the feature.
Definition Source:
ESRI

TYPE2
Data type: String
Definition:
Second Alternate Street Type for the feature.
Definition Source:
ESRI

SUFFIX2
Data type: String
Definition:
Second Alternate Street Suffix for the feature.
Definition Source:
ESRI

PREFIX3
Data type: String
Definition:
Third Alternate Street Prefix for the feature.
Definition Source:
ESRI

PRETYPE3
Data type: String
Definition:
Third Alternate Street Prefix Type for the feature.
Definition Source:
ESRI

NAME3
Data type: String
Definition:
Third Alternate Street Name for feature.
Definition Source:
ESRI

TYPE3
Data type: String
Definition:
Third Alternate Street Type for feature.
Definition Source:
ESRI

SUFFIX3
Data type: String
Definition:
Third Alternate Street Suffix for feature.
Definition Source:
ESRI

PREFIX4
Data type: String
Definition:
Fourth Alternate Street Prefix for feature.
Definition Source:
ESRI

PRETYPE4
Data type: String
Definition:
Fourth Alternate Street Prefix Type of feature.
Definition Source:
ESRI

NAME4
Data type: String
Definition:
Fourth Alternate Street Name for the feature.
Definition Source:
ESRI

TYPE4
Data type: String
Definition:
Fourth Alternate Street Type for the feature.
Definition Source:
ESRI

SUFFIX4
Data type: String
Definition:
Fourth Alternate Street Suffix for the feature.
Definition Source:
ESRI

ZIP_L
Data type: String
Definition:
The left ZIP Code.
Definition Source:
ESRI

ZIP_R
Data type: String
Definition:
The right ZIP Code.
Definition Source:
ESRI

GEONAME_L
Data type: String
Definition:
Combination of Census place name and USPS city state name for left side of street segment where place name is not available.
Definition Source:
ESRI

GEONAME_R
Data type: String
Definition:
Combination of Census place name and USPS city state name for right side of street segment where place name is not available.
Definition Source:
ESRI

STATE_L
Data type: String
Definition:
The two-letter state abbreviation for the left side of street segment.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

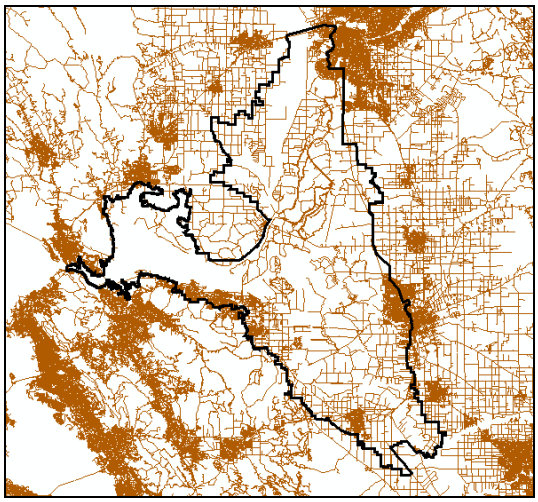
DWR

STATE_R Data type: String Definition: The two-letter state abbreviation for the right side of street segment. Definition Source:	ESRI STATE Data type: String Definition: Full state name of the feature. Definition Source: ESRI	Shape Data type: Geometry Definition: Feature geometry. Definition Source: ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Delta_Roads.shp



Geometry Type: Line
Number of records: 31971068
Theme: line, interstates, highways, major roads, streets, addresses, road feature codes, routing, geocoding, transportation, location
Place: United States
Temporal: 2000, 2002
Abstract
U.S. Streets represents detailed streets, interstate highways, and major roads within the United States. U.S. Streets is part of StreetMap USA.
StreetMap USA is a dataset that provides nationwide streets display, routing, and geocoding for the United States. Although there are many supporting basemap layers included in this dataset, to access U.S. Streets you must have the ArcGIS StreetMap extension licensed and installed. StreetMap USA is provided in the ESRI Data & Maps media kit on the Data & Maps and StreetMap USA DVD.
Purpose
U.S. Streets provides nationwide streets display, routing, and geocoding for the United States.
Supplementary Information
Largest scale when displaying the data: 1:50,000.

Attributes:

ObjectID	ESRI	Definition Source:
Data type: OID	PREFIX	ESRI
Definition:	Data type: String	PRETYPE
Internal feature number.	Definition:	Data type: String
Definition Source:	The prefix direction.	Definition:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

The prefix street type.
Definition Source:
ESRI

NAME
Data type: String
Definition:
The name of the street.
Definition Source:
Geographic Data Technology, Inc.

TYPE
Data type: String
Definition:
The suffix street type.
Definition Source:
ESRI

SUFFIX
Data type: String
Definition:
The suffix direction.
Definition Source:
ESRI

L_F_ADD
Data type: String
Definition:
Left From address of the feature.
Definition Source:
ESRI

L_T_ADD
Data type: String
Definition:
Left To address of the feature.
Definition Source:
ESRI

R_F_ADD
Data type: String
Definition:
Right From address of the feature.
Definition Source:
ESRI

R_T_ADD
Data type: String
Definition:
Right To address of the feature.
Definition Source:
ESRI

L_F_ADD_INT
Data type: Integer
Definition:
Left From address of the feature as integer.
Definition Source:
ESRI

L_T_ADD_INT
Data type: Integer
Definition:
Left To Address of the feature as integer.
Definition Source:
ESRI

R_F_ADD_INT
Data type: Integer
Definition:
Right From Address of the feature as integer.
Definition Source:
ESRI

R_T_ADD_INT
Data type: Integer
Definition:
Right To Address of the feature as integer.
Definition Source:
ESRI

CLASS_RTE
Data type: String
Definition:
Road class of the feature.
Definition Source:
ESRI

RAMP_CLASS
Data type: String
Definition:
Ramp class of the feature providing connectivity to CLASS_RTE hierarchy.
Definition Source:
ESRI

FROM_ELEV
Data type: String
Definition:
Street feature from elevation.
Definition Source:
ESRI

TO_ELEV
Data type: String
Definition:
Street feature to elevation.
Definition Source:
ESRI

HWY_TYPE
Data type: String
Definition:
Highway symbol type for the feature.
Definition Source:
ESRI

HWY_SYMBOL
Data type: String
Definition:
Highway symbol found on highway sign of feature.
Definition Source:
ESRI

SPEED_MPH
Data type: String
Definition:
Estimated travel speed in miles per hour for street feature.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

PREFIX1
Data type: String
Definition:
First Alternate Street Prefix for feature.
Definition Source:
ESRI

PRETYPE1
Data type: String
Definition:
First Alternate Street Prefix Type for feature.
Definition Source:
ESRI

NAME1
Data type: String
Definition:
First Alternate Street Name for feature.
Definition Source:
ESRI

TYPE1
Data type: String
Definition:
First Alternate Street Type for feature.
Definition Source:
ESRI

SUFFIX1
Data type: String
Definition:
First Alternate Street Suffix for the feature.
Definition Source:
ESRI

PREFIX2
Data type: String
Definition:
Second Alternate Street Prefix for the feature.
Definition Source:
ESRI

PRETYPE2
Data type: String
Definition:
Second Alternate Street Prefix Type for the feature.
Definition Source: ESRI

NAME2
Data type: String
Definition:
Second Alternate Street Name for the feature.
Definition Source:
ESRI

TYPE2
Data type: String
Definition:
Second Alternate Street Type for the feature.
Definition Source:
ESRI

SUFFIX2
Data type: String
Definition:
Second Alternate Street Suffix for the feature.
Definition Source:
ESRI

PREFIX3
Data type: String
Definition:
Third Alternate Street Prefix for the feature.
Definition Source:
ESRI

PRETYPE3
Data type: String
Definition:
Third Alternate Street Prefix Type for the feature.
Definition Source:
ESRI

NAME3
Data type: String
Definition:
Third Alternate Street Name for feature.
Definition Source:
ESRI

TYPE3
Data type: String
Definition:
Third Alternate Street Type for feature.
Definition Source:
ESRI

SUFFIX3
Data type: String
Definition:
Third Alternate Street Suffix for feature.
Definition Source:
ESRI

PREFIX4
Data type: String
Definition:
Fourth Alternate Street Prefix for feature.
Definition Source:
ESRI

PRETYPE4
Data type: String
Definition:
Fourth Alternate Street Prefix Type of feature.
Definition Source:
ESRI

NAME4
Data type: String
Definition:
Fourth Alternate Street Name for the feature.
Definition Source:
ESRI

TYPE4
Data type: String
Definition:
Fourth Alternate Street Type for the feature.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

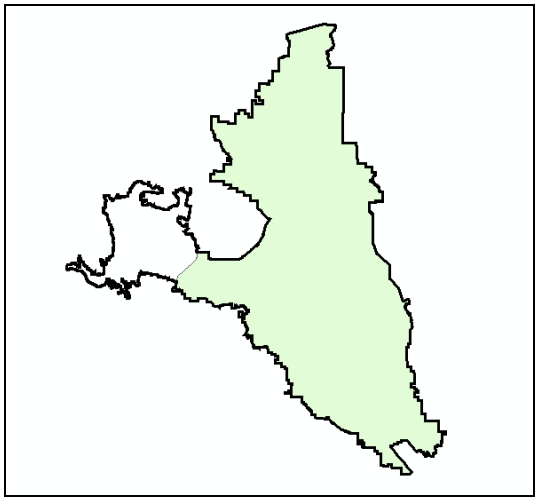
DRMS (Delta Risk Management Strategy)
DWR

Definition Source:
ESRI
SUFFIX4
Data type: String
Definition:
Fourth Alternate Street Suffix for the feature.
Definition Source:
ESRI
ZIP_L
Data type: String
Definition:
The left ZIP Code.
Definition Source:
ESRI
ZIP_R
Data type: String
Definition:
The right ZIP Code.
Definition Source:
ESRI
GEONAME_L
Data type: String
Definition:
Combination of Census place name and USPS city state name for left side of street segment where place name is not available.
Definition Source:
ESRI
GEONAME_R
Data type: String
Definition:
Combination of Census place name and USPS city state name for right side of street segment where place name is not available.
Definition Source:
ESRI
STATE_L
Data type: String
Definition:
The two-letter state abbreviation for the left side of street segment.
Definition Source:
ESRI
STATE_R
Data type: String
Definition:
The two-letter state abbreviation for the right side of street segment.
Definition Source:
ESRI
STATE
Data type: String
Definition:
Full state name of the feature.
Definition Source:
ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

legal_delta.shp



Geometry Type: Polygon
Number of records: 1
Theme: Legal Delta boundary
Place: Delta, California
Temporal: 2002

Abstract

Delta boundary version 2002.4. Delineates the legal Delta established under the Delta Protection Act (Section 12220 of the Water Code) passed in 1959. This boundary file has been reviewed by a variety of relevant professionals and is considered to be accurate. The exact accuracy is somewhat uncertain, but can be considered acceptable for mapping at 1:24000.

The original topographic maps containing the drawn delta border were scanned from the Department of Water Resources. Images were registered to 1:24,000 USGS DRG's in ArcView (ESRI) utilizing imagewarp extension. The Delta boundary was digitized from the registered images. Accuracy within acceptable 7.5 Minute USGS map accuracy standards (1:24000 scale).

The original legal boundary maps obtained from the Delta Protection Commission were compiled by DWR Land & Right of Way sometime in the early 1980's. They were based from the legal description in section 12220 of the Water Code, with ambiguities in the Code addressed by the individuals involved in the mapping project at that time. One revision was made to the original maps in the vicinity of Point Pleasant, and is the only difference between this and the 4.2001 version of the legal Delta boundary Arc/INFO coverage.

Supplementary Information

Published to DWR Spatial Data Library 2/21/2003. Published as an export to geoDB feature class output. Source is DWR Delta Levees Program.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

Received from Chico State by DWR Delta Levees Program 5/31/2001. Converted from shapefile into coverage format, converted from Teale Albers into Geographic/NAD83, & rebuilt topology using ArcGIS 8.2, double-precision, by Joel Dudas, DWR Delta Levees Program, 2/2003.

The revision between the 4.2001 and the 4.2002 versions reflects a change in the vicinity of Point Pleasant in the east Delta, as shown on modified Delta Protection Commission maps. The line was moved south to the township boundary line, as appropriate, using ArcGIS 8.1 software.

During 2001 & early 2002 every effort was made to identify any errors in the underlying data sources, including water district, reclamation district, roads, etc. boundaries. While certain features were not able to be 100% certified, this coverage can be considered to be as accurate based on all of the information available at this time. These uncertainties principally involve obscurity in some of the ancestral source data.

Attributes:

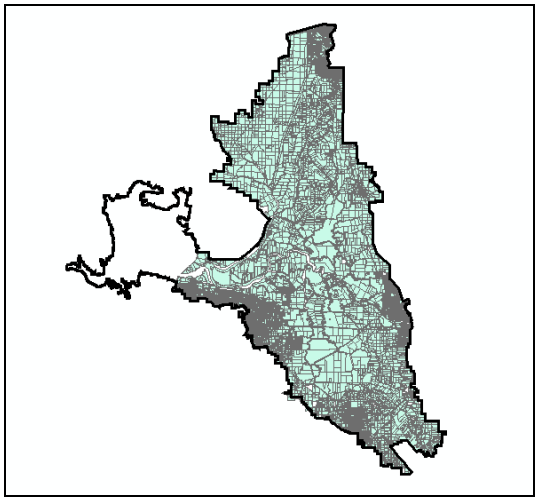
FID	ESRI	Definition Source:
Data type: OID	Shape	ESRI
Definition:	Data type: Geometry	comments
Internal feature number.	Definition:	Data type: String
Definition Source:	Feature geometry.	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

Basemap

DRMS (Delta Risk Management Strategy)
DWR

parcels_legaldelta_NAD83.shp



Geometry Type: Polygon

Abstract

Parcel data for Sacramento, San Joaquin, Yolo and Solano was acquired from Boundary Solutions. Parcel Data for Contra Costa County was acquired from the County of Contra Costa. Parcel Data from Alameda County was acquired from the County of Alameda

Purpose

Combined parcel data for 6 California counties
Number of records: 172168

Attributes:

FID	STATE	SIT_DIR_R
Data type: OID	Data type: String	Data type: String
Definition:	COUNTY	SIT_FULL_S
Internal feature number.	Data type: String	Data type: String
Definition Source:	FIPS	SIT_UNIT
ESRI	Data type: String	Data type: String
Shape	SIT_SRC_FL	SIT_CITY
Data type: Geometry	Data type: String	Data type: String
Definition:	SIT_HSE_NU	SIT_STATE
Feature geometry.	Data type: String	Data type: String
Definition Source:	SIT_DIR	SIT_ZIP
ESRI	Data type: String	Data type: String
APN	SIT_STR_NA	SIT_ZIP4
Data type: String	Data type: String	Data type: String
AREA	SIT_STR_SF	LAND_VALUE
Data type: Number	Data type: String	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

IMPR_VALUE
Data type: String
TOT_VALUE
Data type: String
ASSMT_YEAR
Data type: String
MKT_LAND_V
Data type: String
MKT_IMPR_V
Data type: String
TOT_MKT_VA
Data type: String
MKT_VAL_YR
Data type: String
REC_DATE
Data type: String
SALES_PRIC
Data type: String
SALES_CODE
Data type: String
STD_LAND_U
Data type: String
LOT_SIZE
Data type: String
BLDG_AREA
Data type: String
YEAR_BUILT
Data type: String
NO_OF_STOR
Data type: String
NO_OF_UNIT
Data type: String
TOTAL_ROOM
Data type: String
TYPE_CONST
Data type: String
EXT_WALL
Data type: String
FOUNDATION
Data type: String
BASEMENT
Data type: String
ROOF
Data type: String

EDITION
Data type: String
TAPE_CUT_D
Data type: String
RECORD_TYP
Data type: String
FIELD3
Data type: String
FIELD4
Data type: String
FIELD7
Data type: String
APN_1
Data type: String
FIELD9
Data type: String
OWNER_NAME
Data type: String
OWNERFIRST
Data type: String
OWNERLAST
Data type: String
OWNERGROUP
Data type: String
OWNER_2
Data type: String
STREET_ADD
Data type: String
CITY_STATE
Data type: String
ZIPCODE
Data type: String
OBJECTID
Data type: Number
DUPS
Data type: String
COUNTYAPN
Data type: String
DB_MATCH
Data type: String
SHAPE_area
Data type: Number
Definition:

Area of feature in internal units squared.
Definition Source: ESRI
SHAPE_len
Data type: Number
FID_1
Data type: Number
PARC_PY_ID
Data type: Number
FID_2
Data type: Number
PARC_PY__1
Data type: Number
PARCEL_NO
Data type: String
TRA
Data type: String
OS_CODE
Data type: String
P_OWNER_NM
Data type: String
OS_PRCNT
Data type: Number
OWN_ID_2ND
Data type: String
OWN_NM_2ND
Data type: String
SR_PST_FLG
Data type: String
RETRED_FLG
Data type: String
LIEN_YEAR
Data type: String
TRA_CH_YR
Data type: String
N_STR_NM
Data type: String
N_STR_SUF
Data type: String
N_ODD_EVN
Data type: String
N_STR_NBR
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

N_FRAC
Data type: String
N_APT_NBR
Data type: String
N_CTY_ST
Data type: String
N_ZIP
Data type: String
N_ZIP_EXT
Data type: String
DESC_
Data type: String
VACANT_LOT
Data type: String
VIEW_
Data type: String
ACREAGE
Data type: Number
S_STR_NM
Data type: String
S_STR_SUF
Data type: String
S_ODD_EVN
Data type: String
S_STR_NBR
Data type: String
S_FRAC
Data type: String
S_APT_NBR
Data type: String
S_CTY_ABBR
Data type: String
S_ZIP
Data type: String
S_ZIP_EXT
Data type: String
N_TAX_CODE
Data type: String
RJCT_CODE
Data type: String
C_DED_NBR
Data type: String
C_DED_DT
Data type: String
P_DED_NBR
Data type: String
P_DED_DT
Data type: String
P_DED_NBR2
Data type: String
P_DED_DT2
Data type: String
FRM_PRCL
Data type: String
TO_PRCL
Data type: String
USE_CODE
Data type: String
RESP_CODE
Data type: String
LND_VAL_SN
Data type: String
IMP_VAL_SN
Data type: String
IMP_VAL
Data type: Number
PER_PRP_SN
Data type: String
PER_PRPTY
Data type: Number
XMP_CODE1
Data type: String
XMPNBR_SN
Data type: String
XMP_NBR1
Data type: Number
XMPAMT_SN
Data type: String
XMP_AMT1
Data type: Number
XMP_CODE2
Data type: String
XMPNBR_SN2
Data type: String
XMP_NBR2
Data type: Number
XMPAMT_SN2
Data type: String
XMP_AMT2
Data type: Number
XMP_CODE3
Data type: String
XMPNBR_SN3
Data type: String
XMP_NBR3
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Data type: String
XMP_AMT3
Data type: Number
AR_SWP_DT
Data type: String
TRACT
Data type: String
C_DED_FG
Data type: String
C_DED_SN
Data type: String
C_DED_PCT
Data type: Number
DEED_TYPE2
Data type: String
C_DED_FG2
Data type: String
C_DED_SN2
Data type: String
C_DED_PCT2
Data type: Number
DDRA_SN2
Data type: String
DDRA2
Data type: Number
DEED_TYPE3
Data type: String
C_DED_FG3
Data type: String
C_DED_SN3
Data type: String
C_DED_PCT3
Data type: Number
DDRA_SN3
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

DDRA3
Data type: Number
RTRD_DT
Data type: String
VAL_CH_CD
ata type: String
PSI_VAL_SN
Data type: String
PSI_VAL
Data type: Number
PRP_PEN_SN
Data type: String
PRP_PEN
Data type: Number
PSI_PEN_SN
Data type: String
PSI_PEN
Data type: Number
LND_PEN_SN
Data type: String
LND_PEN
Data type: Number
IMP_PEN_SN
Data type: String
IMP_PEN
Data type: Number
TYPE
Data type: String

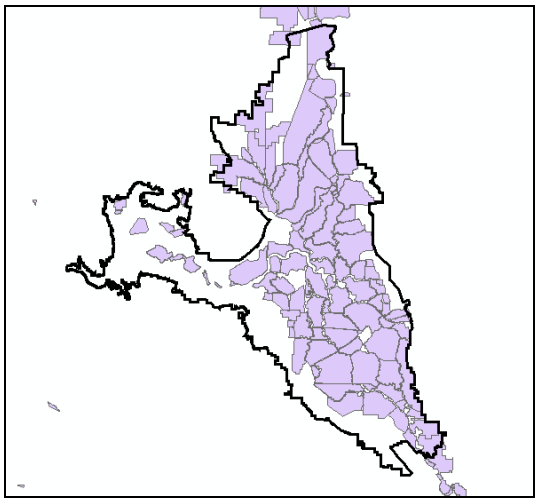
BLDNG_NBR
Data type: Number
NBR_BLDNGS
Data type: Number
BEDS
Data type: Number
BATHS
Data type: Number
TOT_ROOMS
Data type: Number
CARPORT
Data type: String
GARAGE
Data type: String
STALLS
Data type: Number
YR_HS_BLT
Data type: String
BLD_EFFYR
Data type: String
TOT_AREA
Data type: Number
TLA
Data type: Number
YR_PL_BLT
Data type: String
POOL
Data type: String

MSC_BLDG
Data type: String
YR_BLT_MSC
Data type: String
UNITS
Data type: Number
GARAGE2
Data type: String
CARPORT2
Data type: String
STALLS2
Data type: Number
GR_LND_AR
Data type: Number
YR_BUILT
Data type: String
BLDG_SQFT
Data type: Number
Distance
Data type: Number
RespCode
Data type: String
R_D_NO
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

ReclamationDistricts.shp



Geometry Type: Polygon
Number of records: 175
Theme: Reclamation Districts, boundaries, version 7
Place: California
Temporal: 2006.03
Abstract
Reclamation district boundaries within the state of California. This delineation represents the seventh major revision of this dataset, after the sixth revision from 2/2006, after the fifth major revision from 1/2005, the fourth major revision from 10/2004, the third major revision from 6/2003, the second version from 10/2002, and after the first version produced by Office of Emergency Services during the 1997 floods. It was recognized that certain district boundaries in that GIS coverage were inaccurate, which prompted DWR Delta Levees Program to undertake an improvement of the entire dataset beginning in May of 2001.
Version 7 notes: 3 of the Suisun Marsh Districts were completely remapped. Due to a suspect shared boundary between Honker Bay Club & Simmons-Wheeler, the District engineer (MBK Engineers) was contacted for updated levee stationing, which revealed the more correct versions of those three districts as seen here. In the case of S-W & Honker Bay, the levee centerlines supplied by MBK Engineers were used to delineate the District boundary, so the actual boundaries are more waterward of these boundaries. For Van Sickle Island, the 2003 color ortho of Suisun Marsh was used to guide the boundary draw, following the levee in the ortho and the stations from the files, as they indicated. The original field info was carried over into the new polys, and the old polys were deleted.
Also, RD 2121 Bixler Tract was added. There isn't much info on this district anywhere that I can find. They aren't even in the directory of flood officials. But it is an active

district. This may have been a remnant district created after the merger and re-alignment of Palm & Orwood into one RD, and it's numbering would be consistent with that, although that's speculative.
Version 6 notes: Palm & Orwood Tracts (RD 2024 & 2036) were combined into Palm-Orwood Tract (RD 2024).
Version 5 notes: Two districts were added to version 4, Winter in Contra Costa County and Atlas in San Joaquin County. Winter had been represented by a now-defunct earlier district with a more extensive boundary. This represents the current district for that island. Atlas is a very small district right by Stockton that had previously been unknown to Delta Levees Program, and is now in the database.
Version 4 notes: Updated to include new Reclamation District 2137, Dutch Slough. District drawn according to plat map included with Legal Description filed with Contra Costa County LAFCO dated 7/8/2003. Parcels indicated on that map were selected from the Contra Costa County Assessor's office GIS layer and built into this Reclamation District boundary. So it was not drawn literally from the legal description metes and bounds.
Version 3 notes: The RD boundaries were improved to reflect: 1) changes to Hotchkiss Tract, approved by LAFCO, in 1/2003, 2) additional RDs in Suisun Marsh, and 3) updated contact information for some Delta districts. The Marsh district boundaries were drawn by interpretation from a hand-drawn map, of the general boundaries, then estimating the actual boundary based on imagery and other scanned maps. Otherwise, the data is as in version 2, described below.
Legal descriptions of individual Reclamation District boundaries were obtained wherever possible and used as the primary source for all boundaries. Although these boundaries are generally based on legal descriptions, and are therefore potentially relatively accurate, the boundaries in this dataset do not constitute a survey boundary for any land delineation application whatsoever.
In some cases, there were some problems with using the legal descriptions. For example, in some cases legal descriptions were simply not readily available, even though efforts were undertaken to obtain the descriptions from DWR Land & Right of Way, and from the individual district files themselves. Oftentimes, the legal descriptions were based on previous records were which either difficult and/or impossible to locate. For example, many Swamp Land Surveys, which themselves are of questionable "basemapping" practicality, were referenced in the legal descriptions. The mapping project did not warrant sufficient expenditure to locate and accurately map from such sources. Problems encountered where insufficient records were obtained are described below for the individual districts, so if the user is interested in an individual district, this dataset can be a helpful start.
This dataset, therefore, is somewhat of a Frankenstein, although the source of Frankenstein's body parts is fairly well documented. There are four primary mapping qualities (a database field describes which for each district) here: 1) districts mapped entirely from legal descriptions, 2) districts mapped from legal descriptions, but where some references of the description were either unavailable or otherwise insufficient for mapping, 3) districts mapped from DWR Land Use maps, as shown on those maps, and

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DWR

4) districts mapped by the original Office of Emergency Services GIS coverage. This list also indicates the order of preference used in building this final RD dataset. Hotchkiss Tract was mapped from a revised boundary provided by KSN Engineers to DWR Delta Levees during 1/2002. Walnut Grove (RD 554) was modified to include the other side of the Slough, and the southeast corner of Union Island East, on the other side of the back levee, was included as appropriate. A few other districts remain in glaring question, for example, the actual boundary of Drexler Tract.

The table also includes information on whether or not certain districts are active and some contact info (from the OES '97 table). The active/inactive information is as discussed in Bulletin 37, 1930, Division of Water Resources report "Financial & General Data Pertaining to Irrigation, Reclamation, & Other Public Districts in California." RD 1619 (Bethel Island), 317 and 407 (Brannan-Andrus) were changed to inoperating as per current knowledge.

Some districts which are not reclamation districts, but which previously have been lumped into RD shapefiles and coverages, were not included in this dataset. Most notably, Stanislaus (an irrigation district), American River (a flood control district), Bethel Island (a municipal improvement district), and Brannan-Andrus (a levee district), are not in this dataset. Bethel Island Municipal Improvement District's predecessor, RD 1619, is in this database, but this is an inactive RD. See other feature classes in the "districts_water_management" geoDB for these boundaries.

Mapping was conducted as follows: Melissa Lee, under DWR Delta Levees, worked with Jean Woods (DWR Central District) on an AutoCAD station to map the boundaries according to the Land Use maps. It became apparent that this method was insufficient for many cases, so Melissa obtained DWR Land & Right of Way copies of Reclamation District boundary legal descriptions as available. Melissa completed some of this mapping. In 9/2001, Joel Dudas provided Chico State University Geographic Information Center with the legal descriptions and with the draft shapefiles from land use and legal boundaries. Additional boundaries, including more legal descriptions, swamp land surveys, and old maps, were obtained by Joel Dudas from the State Archives, the State Lands Commission, and the RD legal representatives, as available. Chico State (contact Jason Schwenkler) mapped from legal descriptions onto 1:24000 quads as physical control. The completed districts were sent to Joel Dudas in 9/2002 in one large merged file. Dudas then augmented the Chico State work with the existing attribute data, merged the districts absent in either the legal or land use collections, and compiled the results in 10/2002 for review. The documentation of the individual district issues, contained below, was prepared by Chico State. In effect, the legal boundaries are mostly from Chico, the "land use" boundaries are from DWR Land Use maps, and the others are from the original OES '97 shapefile. Some boundaries in the Delta were modified by Delta Levees as known.

There are undoubtedly improvements which can be made to this dataset. Comments and improvements should be forwarded to DWR Delta Levees Program (Joel Dudas) 916-651-7002 for synthesis.

Note: Yellow Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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Purpose
Locate where reclamation districts are within a vicinity. This is not a dataset which should be used for legal delineations. It is purely intended for general location of district boundaries.

Supplementary Information
Published to DWR Spatial Data Library 1/14/2005. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.
These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.
Source is DWR Delta Levees Program, documented and cataloged by Joel Dudas, 10/2002. Work towards this dataset was contributed by DWR Central District, DWR Delta Levees, DWR Land & Right of Way, DWR Flood Management, Chico State University, State Lands Commission, and the State Archives.

Attributes:

OBJECTID_1
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

R_D_NO
Data type: Number

COUNTY
Data type: String

rd_status
Data type: String

RD_NAME_1
Data type: String

PERSON_1
Data type: String

trustee
Data type: String

trustee_2
Data type: String

ADDRESS_1
Data type: String

Priority
Data type: String

FID
Data type: String
Definition:
Internal feature number.
Definition Source:
ESRI

PHONE_NO_1
Data type: String

CITY_1
Data type: Float

ZIP_CODE_1
Data type: Float

Shape_Area
Data type: String
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

boundary_s
Data type: String

Shape_Leng
Data type: String

attorney_n
Data type: String

district_e
Data type: String

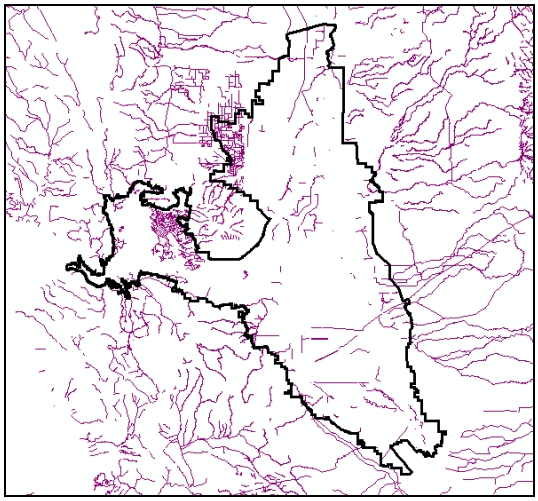
chairperso
Data type: Number

DBF_Link
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

rivers_ca_local.shp



***Data Available for all of the United States
Geometry Type: Line
Number of records: 2786479
Theme: line, water, hydrology, naturally flowing, channel, inland body, seaward body, man-made, inlandWaters, oceans, transportation
Place: United States
Temporal: 2002, 1998-2002
Abstract
U.S. MapData Hydrology represents hydrology features within United States. Hydrology includes the following: naturally flowing water features, man-made channels to transport water, inland bodies of water, man-made bodies of water, seaward bodies of water, bodies of water in a man-made excavation, and special water features.
Purpose
U.S. MapData Hydrology provides water features for United States.
Supplementary Information
Largest scale when displaying the data: 1:100,000.
Attributes

ObjectID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

NAME
Data type: String
Definition:
The name of the water feature.
Definition Source:
ESRI

CLASS
Data type: String
Definition:
The Census Feature Class definition for the water feature.
Definition Source:
Department of Commerce, Census Bureau

CFCC
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
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Definition:
The Census Feature Class Code. The code is three characters; the first character is a letter describing the feature class; the second character is a number describing the major category; and the third character is a number describing the minor category.
Definition Source: Department of Commerce, Census Bureau

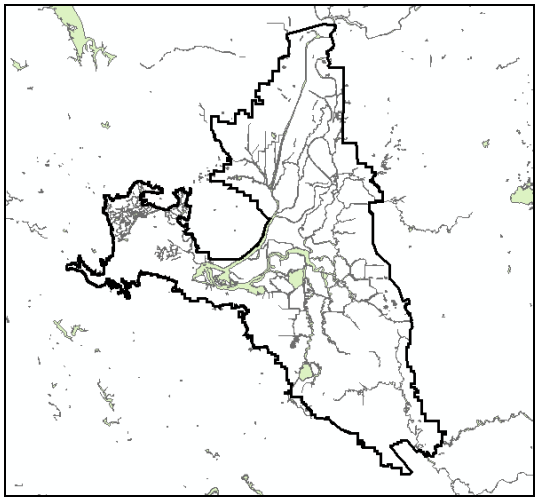
LENGTH
Data type: Double
Definition:
The length of the water feature in miles.
Definition Source: ESRI

shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source: ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

water_ca_local.shp



*Data Available for all of the United States
Geometry Type: Polygon
Number of records: 405881
Theme: polygon, water, hydrography, naturally flowing, channel, inland body, seaward body, man-made, inlandWaters, oceans, transportation
Place: United States
Temporal: 2002, 1998-2002
Abstract
U.S. MapData Water Boundaries represents water feature areas within United States. Water boundaries include the following: basic hydrography, naturally flowing water features, man-made channels to transport water, inland bodies of water, man-made bodies of water, seaward bodies of water, bodies of water in a man-made excavation, and special water features.
Purpose
U.S. MapData Water Boundaries provides water feature areas for display at local, regional, and national levels.
Supplementary Information
Largest scale when displaying the data: 1:100,000.

Attributes:

ObjectID	NAME	CFCC
Data type: OID	Data type: String	Data type: String
Definition: Internal feature number.	Definition: The name of the water feature.	Definition: The Census Feature Class Code. The code is three characters; the first
Definition Source: ESRI	Definition Source: ESRI	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

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character is a letter describing the feature class; the second character is a number describing the major category; and the third character is a number describing the minor category.
Definition Source: Department of Commerce, Census Bureau

CLASS
Data type: String
Definition:
The Census Feature Class definition for the water feature.
Definition Source: Department of Commerce, Census Bureau

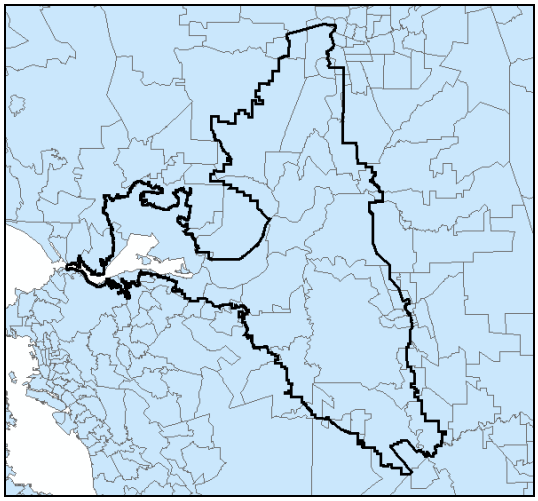
AREA
Data type: Double
Definition:
The area of the water feature in square miles.
Definition Source: ESRI

shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source: ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

zipcodes_ca.shp



*Data Available for all of the United States
Geometry Type: Polygon
Number of records: 30143
Theme: polygon, zip codes, areas, five-digit zip codes, post offices, population, location, society
Place: United States
Temporal: 2001, 2000, 2001
Abstract
U.S. ZIP Code Areas represents five-digit ZIP Code areas used by the U.S. Postal Service to deliver mail more effectively. The first digit of a five-digit ZIP Code divides the country into 10 large groups of states numbered from 0 in the Northeast to 9 in the far West. Within these areas, each state is divided into an average of 10 smaller geographical areas, identified by the 2nd and 3rd digits. These digits, in conjunction with the first digit, represent a sectional center facility or a mail processing facility area. The 4th and 5th digits identify a post office, station, branch or local delivery area.
Purpose
U.S. ZIP Code Areas provides area, post office name, and population for each ZIP Code area in the United States.
Supplementary Information
Largest scale when displaying the data: 1:100,000.

Attributes:

FID	Definition Source:	Definition:
Data type: OID	ESRI	Feature geometry.
Definition:	Shape	Definition Source:
Internal feature number.	Data type: Geometry	ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

ZIP
Data type: String
Definition:
The five-digit number used by the postal service to identify an area where mail is delivered.
Definition Source:
United States Postal Service

PO_NAME
Data type: String
Definition:
The post office name.
Definition Source:
United States Postal Service

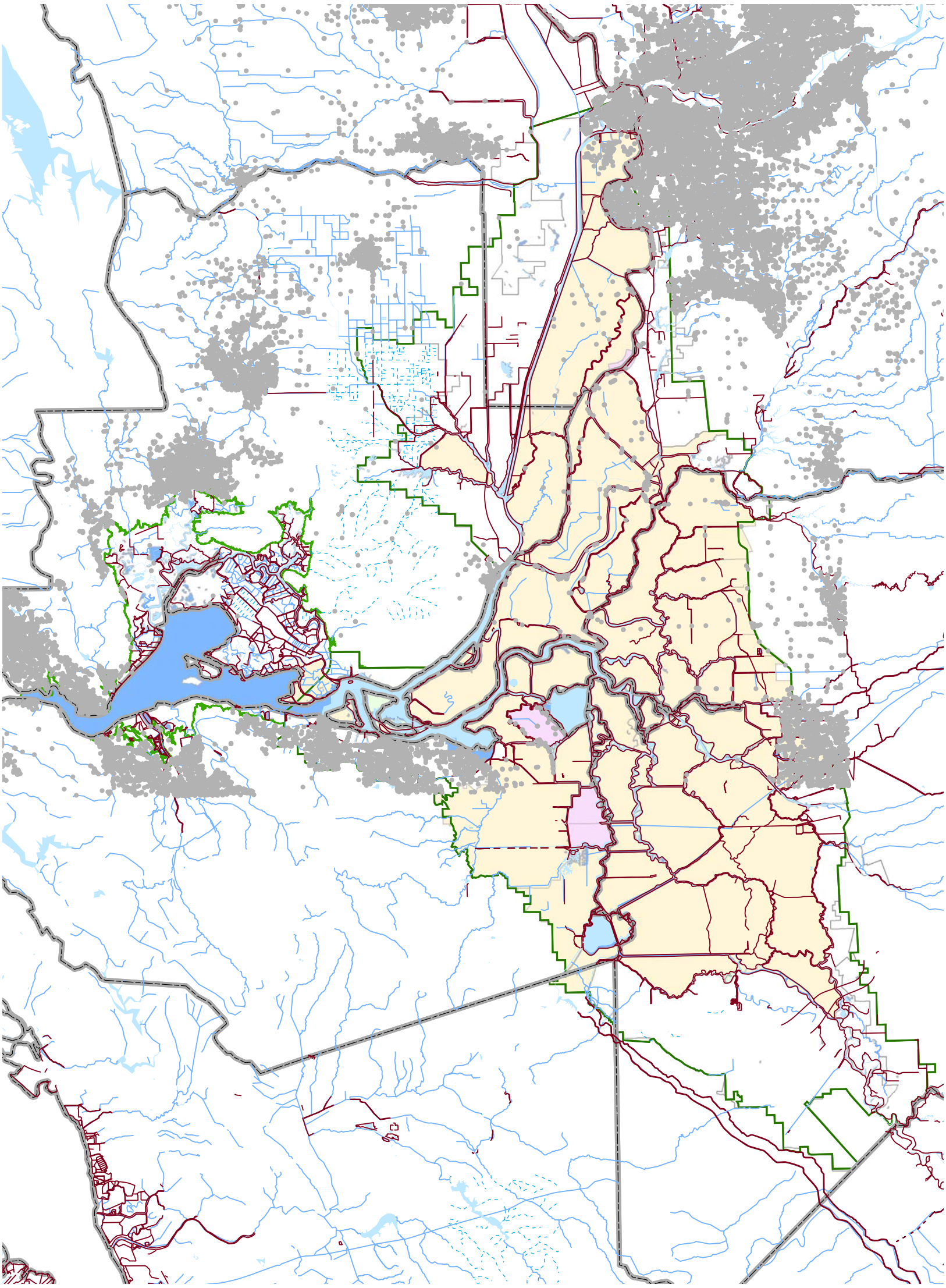
STATE
Data type: String
Definition:
The two-letter abbreviation for the state in which the ZIP Code area is located.
Definition Source:
United States Postal Service

AREA
Data type: Number
Definition:
The area of the ZIP Code polygon in square miles using Albers Equal Area Projection.
Definition Source:
ESRI

SUMBLKPOP
Data type: Number
Definition:
The sum of the 2000 population for the Census Bureau Block polygon centroids which fall within the zip code area.
Definition Source:
ESRI; Department of Commerce, Census Bureau

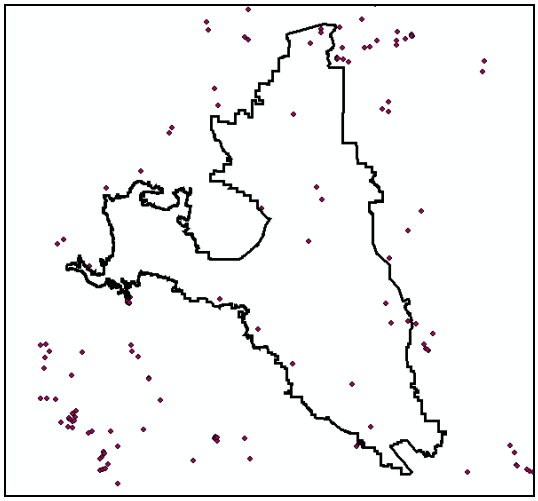
POP2001
Data type: Number
Definition:
The 2001 estimated population of the ZIP Code area.
Definition Source:
ESRI Business Information Solutions

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh



DRMS (Delta Risk Management Strategy)
DWR

air_trans.shp



Geometry Type: Point
Number of records: 188

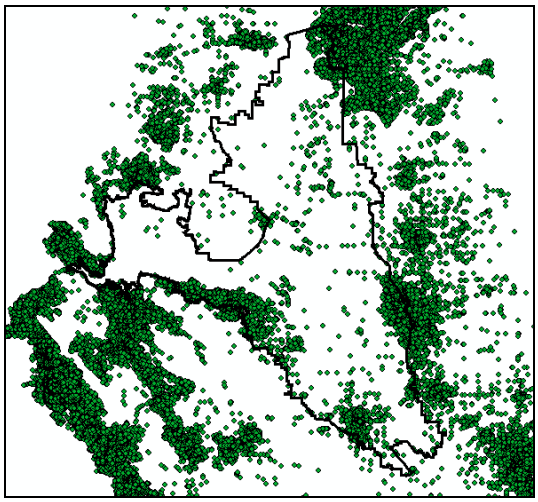
Attributes:

FID	Data type: Number	NAICS_EXT
Data type: OID	CONAME	Data type: String
Definition:	Data type: String	SALES_VOL
Internal feature	CITY16	Data type: Number
number.	Data type: String	HDBRCH
Definition Source:	STATE	Data type: String
ESRI	Data type: String	NUMBER_EMP
Shape	ZIP	Data type: Number
Data type: Geometry	Data type: String	FRNCOD
Definition:	ZIP4	Data type: String
Feature geometry.	Data type: String	LCODE
Definition Source:	SIC	Data type: String
ESRI	Data type: String	LOCNUM
ObjectID		Data type: String

Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Note: Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

businesses_all.shp



Geometry Type: Point
Number of records: 197024

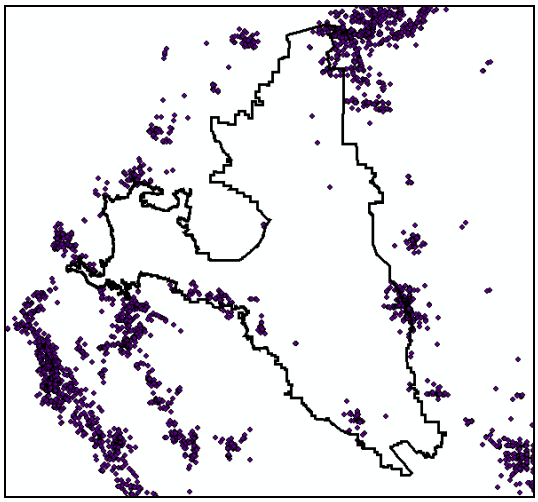
Attributes:

FID	CONAME	SALES_VOL
Data type: OID	Data type: String	Data type: Number
Definition:	CITY16	HDBRCH
Internal feature number.	Data type: String	Data type: String
Definition Source:	STATE	NUMBER_EMP
ESRI	Data type: String	Data type: Number
Shape	ZIP	FRNCOD
Data type: Geometry	Data type: String	Data type: String
Definition:	ZIP4	LCODE
Feature geometry.	Data type: String	Data type: String
Definition Source:	SIC	LOCNUM
ESRI	Data type: String	Data type: String
ObjectID	NAICS_EXT	
Data type: Number	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

hc_ambulatory.shp



Geometry Type: Point
Number of records: 339

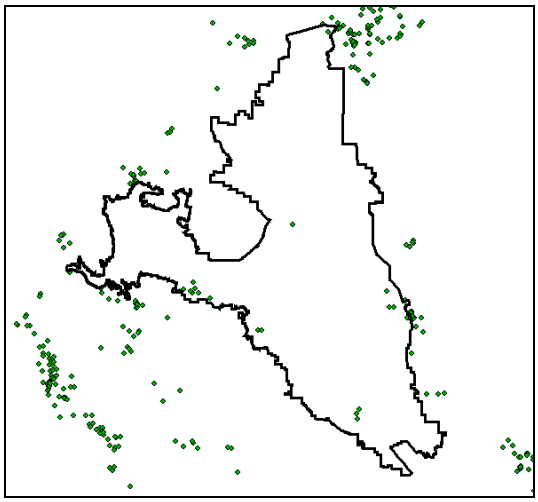
Attributes:

FID	CONAME	SALES_VOL
Data type: OID	Data type: String	Data type: Number
Definition:	CITY16	HDBRCH
Internal feature number.	Data type: String	Data type: String
Definition Source:	STATE	NUMBER_EMP
ESRI	Data type: String	Data type: Number
Shape	ZIP	FRNCOD
Data type: Geometry	Data type: String	Data type: String
Definition:	ZIP4	LCODE
Feature geometry.	Data type: String	Data type: String
Definition Source:	SIC	LOCNUM
ESRI	Data type: String	Data type: String
ObjectID	NAICS_EXT	
Data type: Number	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

hc_hospitals.shp



Geometry Type: Point
Number of records: 1363

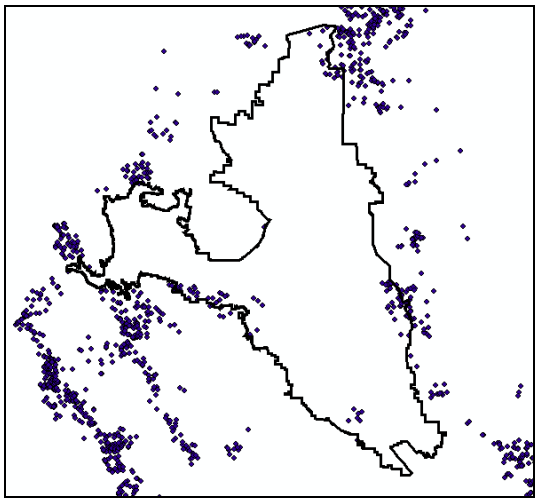
Attributes:

FID	CONAME	SALES_VOL
Data type: OID	Data type: String	Data type: Number
Definition:	CITY16	HDBRCH
Internal feature number.	Data type: String	Data type: String
Definition Source:	STATE	NUMBER_EMP
ESRI	Data type: String	Data type: Number
Shape	ZIP	FRNCOD
Data type: Geometry	Data type: String	Data type: String
Definition:	ZIP4	LCODE
Feature geometry.	Data type: String	Data type: String
Definition Source:	SIC	LOCNUM
ESRI	Data type: String	Data type: String
ObjectID	NAICS_EXT	
Data type: Number	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

hc_nursing_res.shp



Geometry Type: Point
Number of records: 16

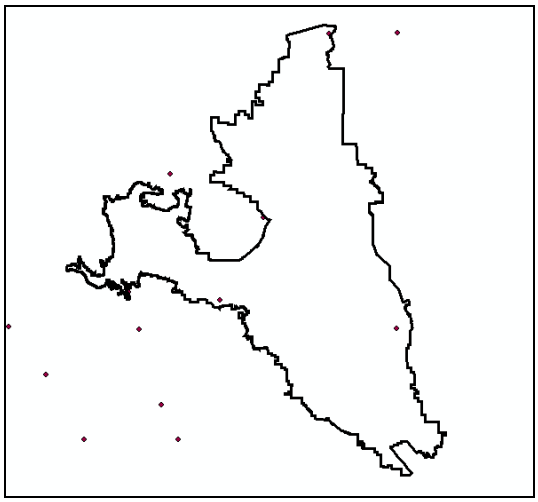
Attributes:

FID	CONAME	SALES_VOL
Data type: OID	Data type: String	Data type: Number
Definition:	CITY16	HDBRCH
Internal feature number.	Data type: String	Data type: String
Definition Source:	STATE	NUMBER_EMP
ESRI	Data type: String	Data type: Number
Shape	ZIP	FRNCOD
Data type: Geometry	Data type: String	Data type: String
Definition:	ZIP4	LCODE
Feature geometry.	Data type: String	Data type: String
Definition Source:	SIC	LOCNUM
ESRI	Data type: String	Data type: String
ObjectID	NAICS_EXT	
Data type: Number	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

pipeline_trans.shp



Geometry Type: Point
Number of records: 16

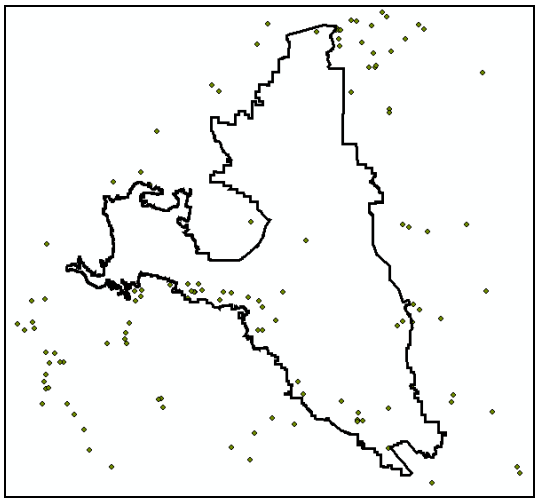
Attributes:

FID	CONAME	SALES_VOL
Data type: OID	Data type: String	Data type: Number
Definition:	CITY16	HDBRCH
Internal feature number.	Data type: String	Data type: String
Definition Source:	STATE	NUMBER_EMP
ESRI	Data type: String	Data type: Number
Shape	ZIP	FRNCOD
Data type: Geometry	Data type: String	Data type: String
Definition:	ZIP4	LCODE
Feature geometry.	Data type: String	Data type: String
Definition Source:	SIC	LOCNUM
ESRI	Data type: String	Data type: String
ObjectID	NAICS_EXT	
Data type: Number	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

utilities.shp



Geometry Type: Point
Number of records: 144

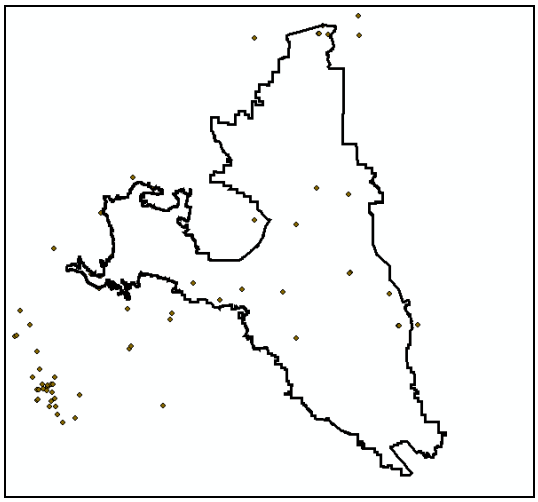
Attributes:

FID	CONAME	SALES_VOL
Data type: OID	Data type: String	Data type: Number
Definition:	CITY16	HDBRCH
Internal feature number.	Data type: String	Data type: String
Definition Source:	STATE	NUMBER_EMP
ESRI	Data type: String	Data type: Number
Shape	ZIP	FRNCOD
Data type: Geometry	Data type: String	Data type: String
Definition:	ZIP4	LCODE
Feature geometry.	Data type: String	Data type: String
Definition Source:	SIC	LOCNUM
ESRI	Data type: String	Data type: String
ObjectID	NAICS_EXT	
Data type: Number	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

water_trans.shp

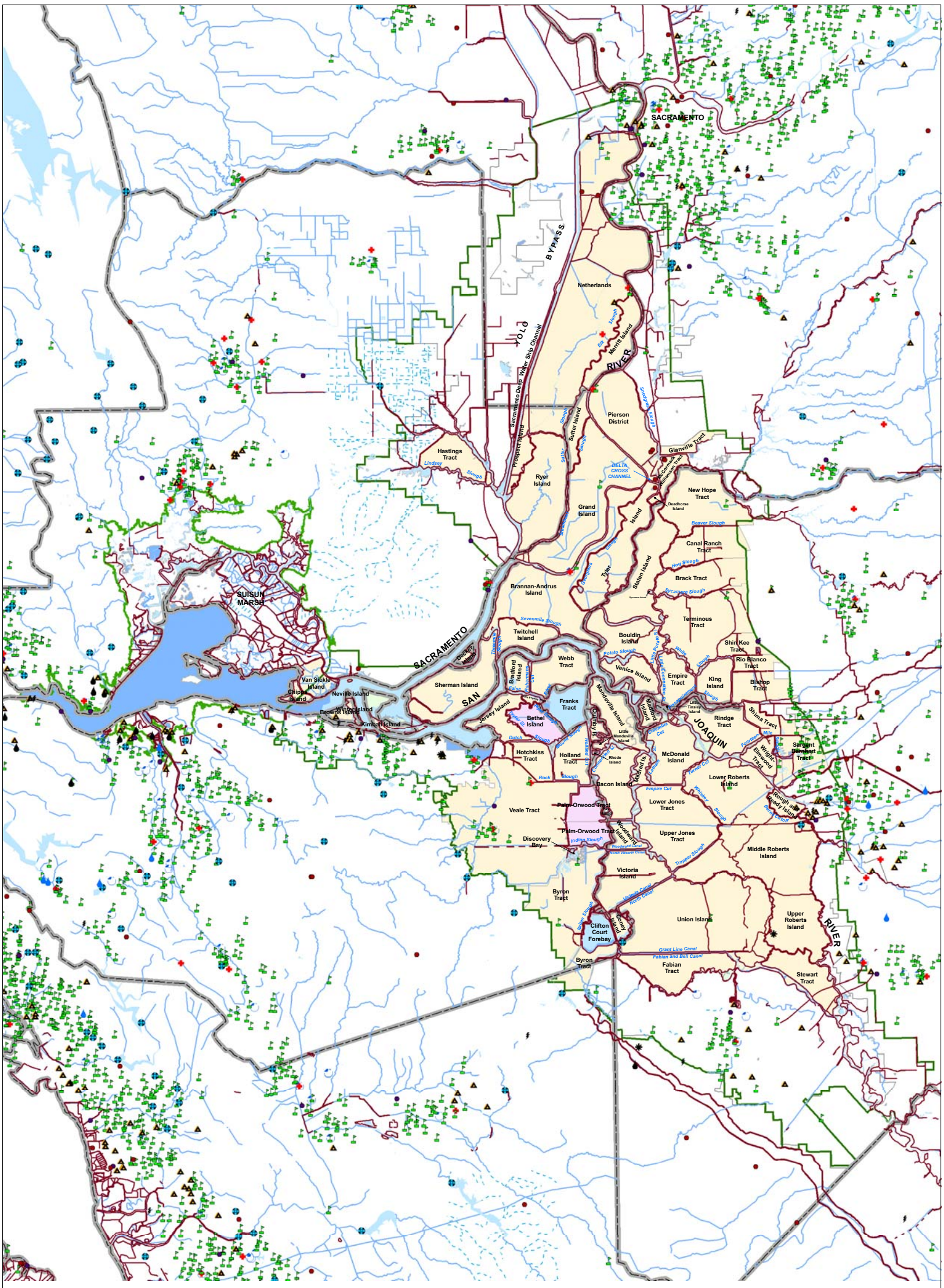


Geometry Type: Point
Number of records: 75

Attributes:

FID	CONAME	SALES_VOL
Data type: OID	Data type: String	Data type: Number
Definition:	CITY16	HDBRCH
Internal feature number.	Data type: String	Data type: String
Definition Source:	STATE	NUMBER_EMP
ESRI	Data type: String	Data type: Number
Shape	ZIP	FRNCOD
Data type: Geometry	Data type: String	Data type: String
Definition:	ZIP4	LCODE
Feature geometry.	Data type: String	Data type: String
Definition Source:	SIC	LOCNUM
ESRI	Data type: String	Data type: String
ObjectID	NAICS_EXT	
Data type: Number	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh



Legend

- Levees
- Bay, estuary, gulf, or sound
- Intermittent canal, ditch, aqueduct, stream, river, or wash
- Perennial canal, ditch, or aqueduct; stream, river; Reservoir
- CA Counties
- CA Water
- Legal Delta v2002.4
- Legal Delta v2002.4 and Suisun Marsh
- PoliceStations
- FireStations
- Schools
- NuclearFacility
- Hazmat
- Dams
- ElectricPowerFacility
- NaturalGasFacility
- OilFacility
- PotableWaterFacility
- WasteWaterFacility
- CommunicationsFacility

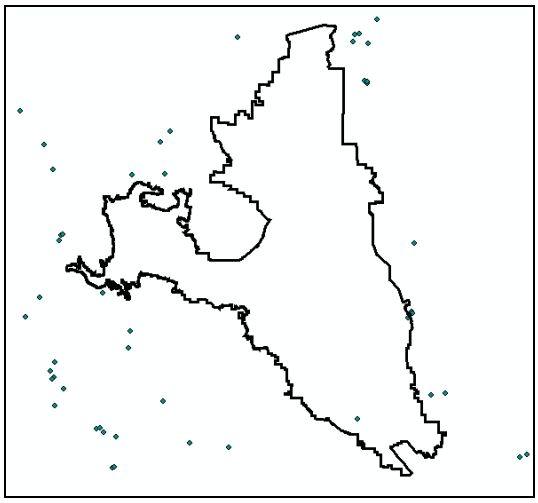
0 5 10 Kilometers

URS	DRMS 26815431	PBS&J Data HAZUS	Figure 6

URS Corporation P:\GIS\GIS_Project_Files\MXD\Analysis\PBS&J_Data\HAZUS.mxd Date: 7/13/2006 5:06:50 PM Name: akeele0

DRMS (Delta Risk Management Strategy)
DWR

EF.mdb (Geodatabase)/ HzCareFlty



*Data Available for all of California
Geometry Type: Point
Number of records: 447

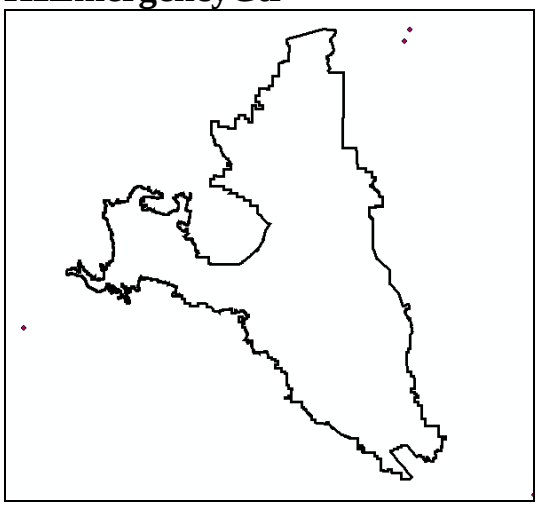
Attributes:

OBJECTID	Name	NumStories
Data type: OID	Data type: String	Data type: SmallInteger
Definition:	Address	Cost
Internal feature number.	Data type: String	Data type: Double
Definition Source:	City	BackupPower
ESRI	Data type: String	Data type: SmallInteger
SHAPE	Zipcode	NumBeds
Data type: Geometry	Data type: String	Data type: Integer
Definition:	Statea	AhaId
Feature geometry.	Data type: String	Data type: String
Definition Source:	Contact	Latitude
ESRI	Data type: String	Data type: Double
CareFltyId	PhoneNumber	Longitude
Data type: String	Data type: String	Data type: Double
EfClass	Use	Comment
Data type: String	Data type: String	Data type: String
Tract	YearBuilt	
Data type: String	Data type: SmallInteger	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

EF.mdb (Geodatabase)/ HzEmergencyCtr



*Data Available for all of California
Geometry Type: Point
Number of records: 40

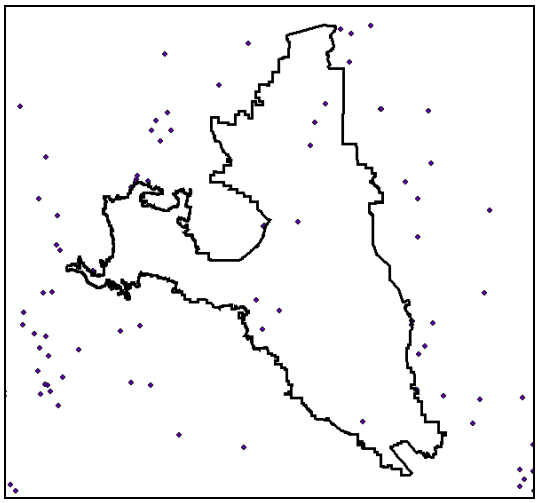
Attributes:

OBJECTID	Name	Cost
Data type: OID	Data type: String	Data type: Double
Definition:	Address	BackupPower
Internal feature number.	Data type: String	Data type: SmallInteger
Definition Source:	City	ShelterCapacity
ESRI	Data type: String	Data type: SmallInteger
SHAPE	Zipcode	Area
Data type: Geometry	Data type: String	Data type: Single
Definition:	Statea	Kitchen
Feature geometry.	Data type: String	Data type: SmallInteger
Definition Source:	Contact	Latitude
ESRI	Data type: String	Data type: Double
EocId	PhoneNumber	Longitude
Data type: String	Data type: String	Data type: Double
EfClass	YearBuilt	Comment
Data type: String	Data type: SmallInteger	Data type: String
Tract	NumStories	
Data type: String	Data type: SmallInteger	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

EF.mdb (Geodatabase)/ HzFireStation



*Data Available for all of California
Geometry Type: Point
Number of records: 719

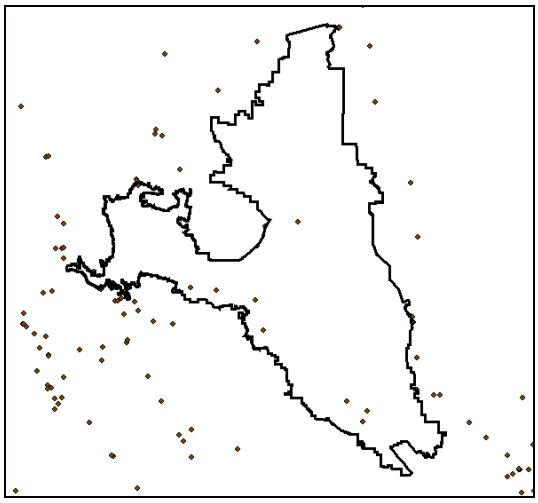
Attributes:

OBJECTID	Name	Cost
Data type: OID	Data type: String	Data type: Double
Definition:	Address	BackupPower
Internal feature number.	Data type: String	Data type: SmallInteger
Definition Source:	City	ShelterCapacity
ESRI	Data type: String	Data type: Integer
SHAPE	Zipcode	Area
Data type: Geometry	Data type: String	Data type: Single
Definition:	Statea	Kitchen
Feature geometry.	Data type: String	Data type: SmallInteger
Definition Source:	Contact	NumTrucks
ESRI	Data type: String	Data type: SmallInteger
FireStationId	PhoneNumber	Latitude
Data type: String	Data type: String	Data type: Double
EfClass	YearBuilt	Longitude
Data type: String	Data type: SmallInteger	Data type: Double
Tract	NumStories	Comment
Data type: String	Data type: SmallInteger	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

EF.mdb (Geodatabase)/ HzPoliceStation



*Data Available for all of California
Geometry Type: Point
Number of records: 980

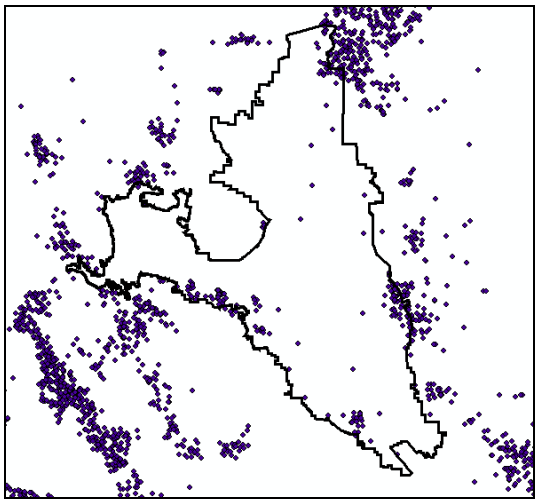
Attributes:

OBJECTID	Name	Cost
Data type: OID	Data type: String	Data type: Double
Definition:	Address	BackupPower
Internal feature number.	Data type: String	Data type: SmallInteger
Definition Source:	City	Area
ESRI	Data type: String	Data type: Single
SHAPE	Zipcode	ShelterCapacity
Data type: Geometry	Data type: String	Data type: Integer
Definition:	Statea	Kitchen
Feature geometry.	Data type: String	Data type: SmallInteger
Definition Source:	Contact	Latitude
ESRI	Data type: String	Data type: Double
PoliceStationId	PhoneNumber	Longitude
Data type: String	Data type: String	Data type: Double
EfClass	YearBuilt	Comment
Data type: String	Data type: SmallInteger	Data type: String
Tract	NumStories	
Data type: String	Data type: SmallInteger	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

EF.mdb (Geodatabase)/ HzSchool



*Data Available for all of California
Geometry Type: Point
Number of records: 12253

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

SHAPE
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

SchoolId
Data type: String

EfClass
Data type: String

Tract
Data type: String

Name
Data type: String

Address
Data type: String

City
Data type: String

Zipcode
Data type: String

Statea
Data type: String

Contact
Data type: String

PhoneNumber
Data type: String

YearBuilt
Data type: SmallInteger

NumStories
Data type: SmallInteger

Cost
Data type: Double

NumStudents
Data type: SmallInteger

BackupPower
Data type: SmallInteger

ShelterCapacity
Data type: SmallInteger

Area
Data type: Single

District
Data type: String

Kitchen
Data type: SmallInteger

Latitude
Data type: Double

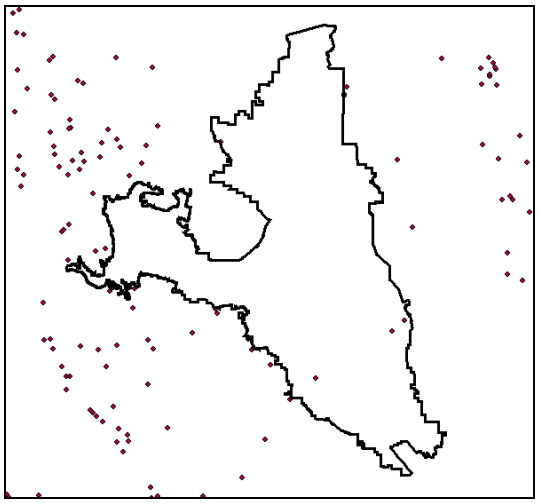
Longitude
Data type: Double

Comment
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

HPLF.mdb (Geodatabase)/ HzDams



*Data Available for all of California
Geometry Type: Point
Number of records: 1471

Attributes:

OBJECTID	CountyName	StructHeight
Data type: OID	Data type: String	Data type: Single
Definition:	Owner	MaxDischarge
Internal feature number.	Data type: String	Data type: Single
Definition Source:	Cost	HydroHeight
ESRI	Data type: Double	Data type: Single
SHAPE	River	MaxStorage
Data type: Geometry	Data type: String	Data type: Single
Definition:	NearCity	NormStorage
Feature geometry.	Data type: String	Data type: Single
Definition Source:	DistanceCity	SurfaceArea
ESRI	Data type: Single	Data type: Single
DamId	Purpose	DrainArea
Data type: String	Data type: String	Data type: Single
DamClass	YearCompl	Hazard
Data type: String	Data type: SmallInteger	Data type: String
Tract	DamLength	EAP
Data type: String	Data type: Single	Data type: String
Name	DamHeight	SpillType
Data type: String	Data type: Single	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

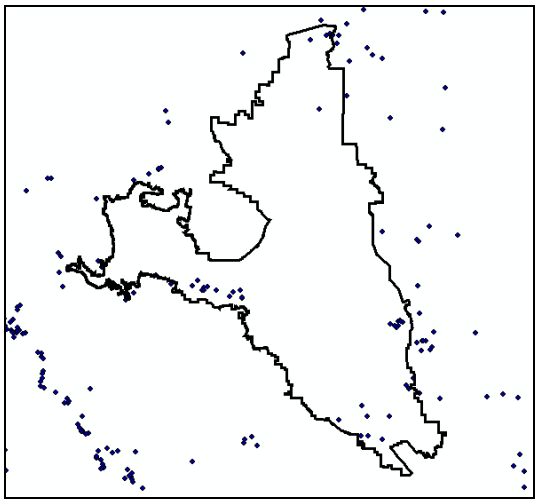
DWR

SpillWidth	PrimaryAgency	Comment
Data type: Single	Data type: String	Data type: String
Volume	Latitude	
Data type: Single	Data type: Double	
NATID	Longitude	
Data type: String	Data type: Double	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

HPLF.mdb (Geodatabase)/ HzHazmat



*Data Available for all of California
Geometry Type: Point
Number of records: 4499

Attributes:

OBJECTID	Name	ChemicalName
Data type: OID	Data type: String	Data type: String
Definition:	Address	ChemicalQuant
Internal feature number.	Data type: String	Data type: Integer
Definition Source:	City	SIC
ESRI	Data type: String	Data type: String
SHAPE	Statea	YearBuilt
Data type: Geometry	Data type: String	Data type: SmallInteger
Definition:	Zipcode	EPAID
Feature geometry.	Data type: String	Data type: String
Definition Source:	Contact	PerAmount
ESRI	Data type: String	Data type: Single
HazmatID	PhoneNumber	Latitude
Data type: String	Data type: String	Data type: Double
HplfClass	Owner	Longitude
Data type: String	Data type: String	Data type: Double
Tract	Cas	Comment
Data type: String	Data type: String	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

HPLF.mdb (Geodatabase)/ HzLevees

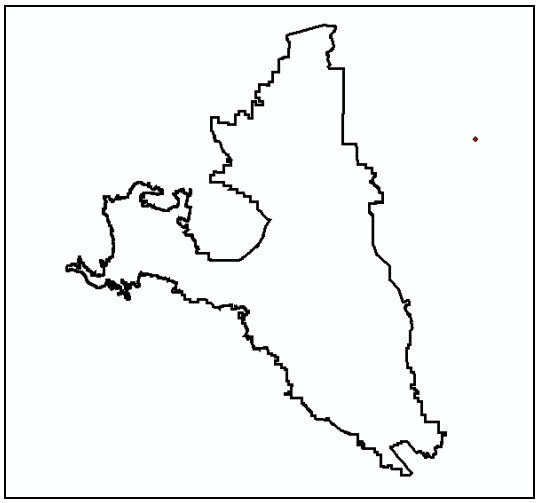
(No Data)

HPLF.mdb (Geodatabase)/ HzMilitary

(No Data)

DRMS (Delta Risk Management Strategy)
DWR

HPLF.mdb (Geodatabase)/ HzNuclearFlty



*Data Available for all of California
Geometry Type: Point
Number of records: 5

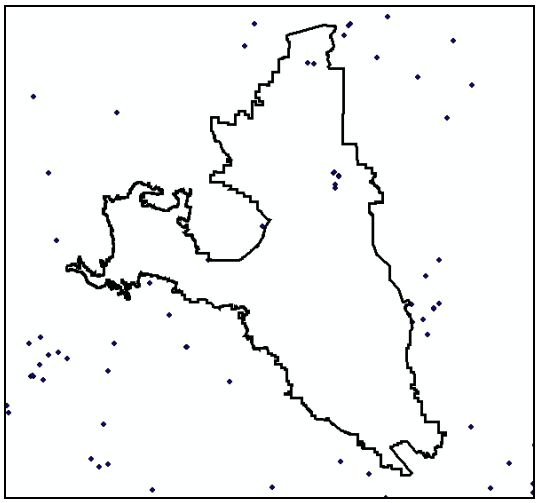
Attributes:

OBJECTID	Tract	PhoneNumber
Data type: OID	Data type: String	Data type: String
Definition:	Name	YearBuilt
Internal feature number.	Data type: String	Data type: SmallInteger
Definition Source:	Address	NumStories
ESRI	Data type: String	Data type: SmallInteger
SHAPE	City	Cost
Data type: Geometry	Data type: String	Data type: Double
Definition:	Zipcode	Latitude
Feature geometry.	Data type: String	Data type: Double
Definition Source:	Statea	Longitude
ESRI	Data type: String	Data type: Double
NuclearFltyId	Owner	Capacity
Data type: String	Data type: String	Data type: Integer
HplfClass	Contact	Comment
Data type: String	Data type: String	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

UTIL.mdb (Geodatabase)/ HzCommunicationFlty



*Data Available for all of California
Geometry Type: Point
Number of records: 963

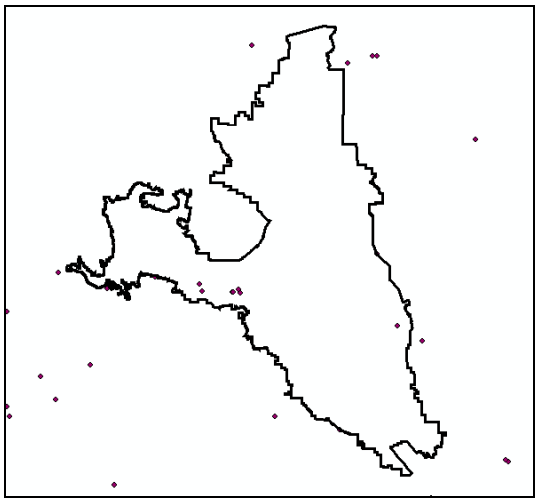
Attributes:

OBJECTID	Tract	PhoneNumber
Data type: OID	Data type: String	Data type: String
Definition:	Name	Use
Internal feature number.	Data type: String	Data type: String
Definition Source:	Address	YearBuilt
ESRI	Data type: String	Data type: SmallInteger
SHAPE	City	Cost
Data type: Geometry	Data type: String	Data type: Double
Definition:	Statea	BackupPower
Feature geometry.	Data type: String	Data type: SmallInteger
Definition Source:	Zipcode	Latitude
ESRI	Data type: String	Data type: Double
CommunicationFltyId	Owner	Longitude
Data type: String	Data type: String	Data type: Double
UtilFcltyClass	Contact	Comment
Data type: String	Data type: String	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

UTIL.mdb (Geodatabase)/ HzElectricPowerFlty



*Data Available for all of California
Geometry Type: Point
Number of records: 233

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

SHAPE
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

ElectricPowerFltyId
Data type: String

UtilFcltyClass
Data type: String

Tract
Data type: String

Name
Data type: String

Address
Data type: String

City
Data type: String

Statea
Data type: String

Zipcode
Data type: String

Owner
Data type: String

Contact
Data type: String

PhoneNumber
Data type: String

Use
Data type: String

YearBuilt
Data type: SmallInteger

NumStories
Data type: SmallInteger

Capacity
Data type: Single

Cost
Data type: Double

Latitude
Data type: Double

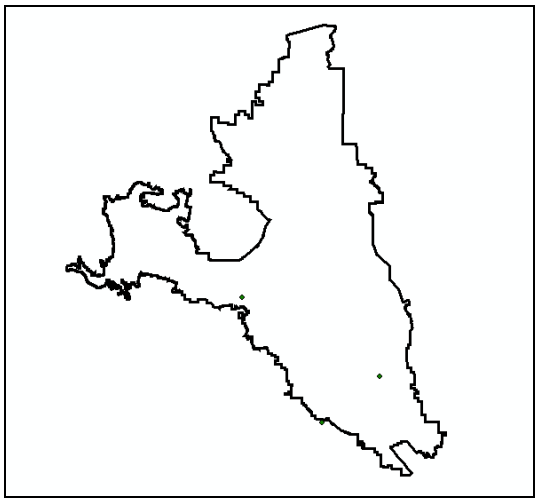
Longitude
Data type: Double

Comment
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

UTIL.mdb (Geodatabase)/ HzNaturalGasFlty



*Data Available for all of California
Geometry Type: Point
Number of records: 21

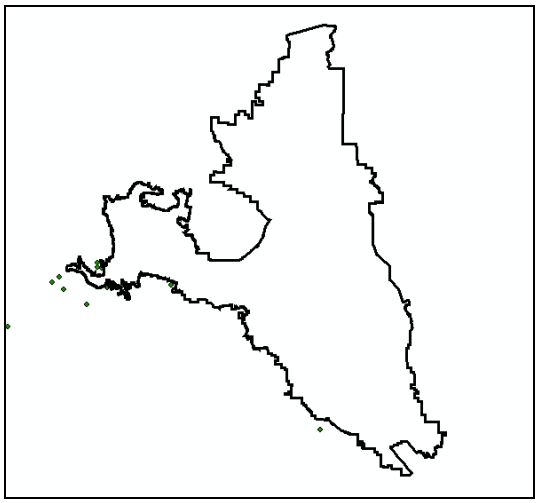
Attributes:

OBJECTID	Name	YearBuilt
Data type: OID	Data type: String	Data type: SmallInteger
Definition:	Address	NumStories
Internal feature number.	Data type: String	Data type: SmallInteger
Definition Source:	City	Cost
ESRI	Data type: String	Data type: Double
SHAPE	Statea	BackupPower
Data type: Geometry	Data type: String	Data type: SmallInteger
Definition:	Zipcode	Capacity
Feature geometry.	Data type: String	Data type: Single
Definition Source:	Owner	Latitude
ESRI	Data type: String	Data type: Double
NaturalGasFltyId	Contact	Longitude
Data type: String	Data type: String	Data type: Double
UtilFcltyClass	PhoneNumber	Comment
Data type: String	Data type: String	Data type: String
Tract	Use	
Data type: String	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

UTIL.mdb (Geodatabase)/ HzOilFlty



*Data Available for all of California
Geometry Type: Point
Number of records: 85

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

SHAPE
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

OilFltyId
Data type: String

UtilFcltyClass
Data type: String

Tract
Data type: String

Name
Data type: String

Address
Data type: String

City
Data type: String

Statea
Data type: String

Zipcode
Data type: String

Owner
Data type: String

Contact
Data type: String

PhoneNumber
Data type: String

Use
Data type: String

YearBuilt
Data type: SmallInteger

Cost
Data type: Double

BackupPower
Data type: SmallInteger

Capacity
Data type: Single

Latitude
Data type: Double

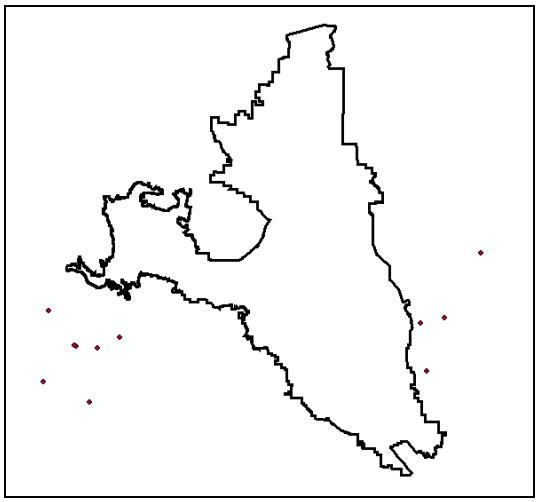
Longitude
Data type: Double

Comment
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

UTIL.mdb (Geodatabase)/ HzPotableWaterFlty



*Data Available for all of California
Geometry Type: Point
Number of records: 78

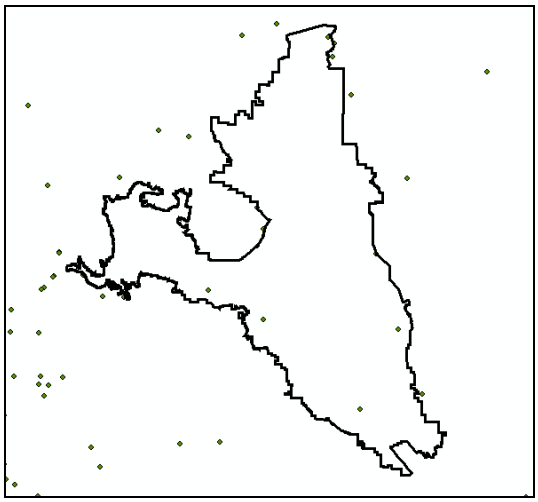
Attributes:

OBJECTID	Address	Cost
Data type: OID	Data type: String	Data type: Double
Definition:	City	SystemId
Internal feature number.	Data type: String	Data type: String
Definition Source:	Statea	GClass
ESRI	Data type: String	Data type: String
SHAPE	Zipcode	BackupPower
Data type: Geometry	Data type: String	Data type: SmallInteger
Definition:	Owner	YearUpgraded
Feature geometry.	Data type: String	Data type: SmallInteger
Definition Source:	Contact	Capacity
ESRI	Data type: String	Data type: Integer
PotableWaterFltyId	PhoneNumber	Demand
Data type: String	Data type: String	Data type: Single
UtilFcltyClass	Use	Latitude
Data type: String	Data type: String	Data type: Double
Tract	YearBuilt	Longitude
Data type: String	Data type: SmallInteger	Data type: Double
Name	NumStories	Comment
Data type: String	Data type: SmallInteger	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

UTIL.mdb (Geodatabase)/ HzWasteWaterFlty



*Data Available for all of California
Geometry Type: Point
Number of records: 287

Attributes:

OBJECTID	Address	BackupPower
Data type: OID	Data type: String	Data type: SmallInteger
Definition:	City	Capacity
Internal feature number.	Data type: String	Data type: Integer
Definition Source:	Statea	GClass
ESRI	Data type: String	Data type: String
SHAPE	Zipcode	NumStories
Data type: Geometry	Data type: String	Data type: SmallInteger
Definition:	Owner	SystemId
Feature geometry.	Data type: String	Data type: String
Definition Source:	Contact	YearUpgraded
ESRI	Data type: String	Data type: SmallInteger
WasteWaterFltyId	PhoneNumber	Demand
Data type: String	Data type: String	Data type: Single
UtilFcltyClass	YearBuilt	Latitude
Data type: String	Data type: SmallInteger	Data type: Double
Tract	Use	Longitude
Data type: String	Data type: String	Data type: Double
Name	Cost	Comment
Data type: String	Data type: Double	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

UTIL.mdb (Geodatabase)/ HzNaturalGasPl

(No Data)

UTIL.mdb (Geodatabase)/ HzOilPl

(No Data)

UTIL.mdb (Geodatabase)/ HzPotableWaterPl

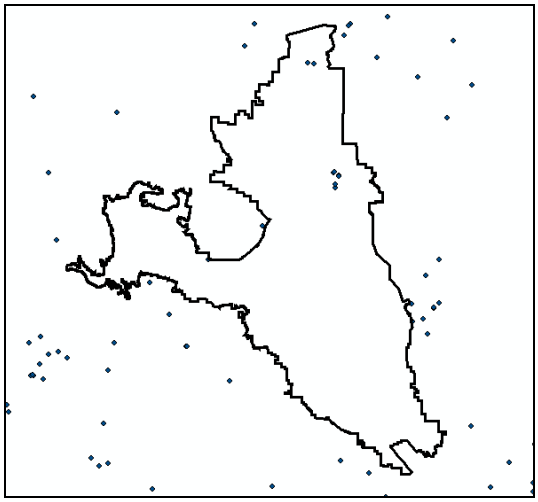
(No Data)

UTIL.mdb (Geodatabase)/ HzWasteWaterPl

(No Data)

DRMS (Delta Risk Management Strategy)
DWR

CommunicationsFacility.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 963

Abstract

PBS&J developed this Waste Water Facilities database from data obtained through the Environmental Protection Agency (EPA) Envirofacts Data Warehouse (Location Reference Tables (LRT) tool. EPA LRT database was query by SIC. The attribute information provided by LRT included: name, address, city, zip, state, and geographical coordinates.
The EPA website address is: http://www.epa.gov/enviro/html/locational/lrt/ez.html Data provided by URS Corporation was incorporated for the state of Alaska. For each item or feature provided, a note was included under the Comment field.

Purpose

This data is used to estimate the damage (and resulting loss of functionality) associated with Waste Water Facilities for a given flood, hurricane, and/or earthquake scenario.

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Cost
Data type: Double

OBJECTID
Data type: Number
Definition:
Internal feature number.
Definition Source:
ESRI

SHAPE
Data type: String
Definition:
Feature geometry.
Definition Source:
ESRI

Tract
Data type: String

Name
Data type: String

Address
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

City
Data type: String

Statea
Data type: String

Shape
Data type: String
Definition:
Feature geometry.
Definition Source:
ESRI

Zipcode
Data type: String

Owner
Data type: String

Contact
Data type: String

Longitude
Data type: String

Use
Data type: String

YearBuilt
Data type: Number

Latitude
Data type: Float

Comment
Data type: Number

Communicat
Data type: Float

UtilFcltyC
Data type: Float

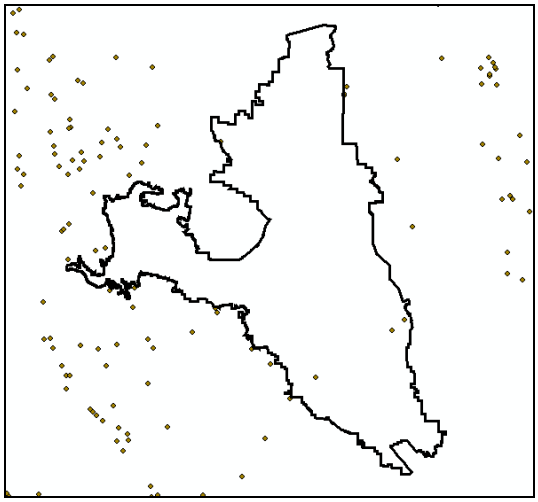
PhoneNumbe
Data type: String

BackupPowe
Data type: SmallInteger

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Dams.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 1471

Abstract

PBS&J developed this Waste Water Facilities database from data obtained through the Environmental Protection Agency (EPA) Envirofacts Data Warehouse (Location Reference Tables (LRT) tool. EPA LRT database was query by SIC. The attribute information provided by LRT included: name, address, city, zip, state, and geographical coordinates.
The EPA website address is: http://www.epa.gov/enviro/html/locational/lrt/ez.html Data provided by URS Corporation was incorporated for the state of Alaska. For each item or feature provided, a note was included under the Comment field.

Purpose

This data is used to estimate the damage (and resulting loss of functionality) associated with Waste Water Facilities for a given flood, hurricane, and/or earthquake scenario.

Attributes:

Latitude
Data type: Number
Longitude
Data type: String
Comment
Data type: String
DamId
Data type: String
SpillWidth
Data type: String
DamClass
Data type: String
CountyName
Data type: String
SHAPE
Data type: Float
Definition:
Feature geometry.
Definition Source:
ESRI
Volume
Data type: String
NATID
Data type: String
FID
Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

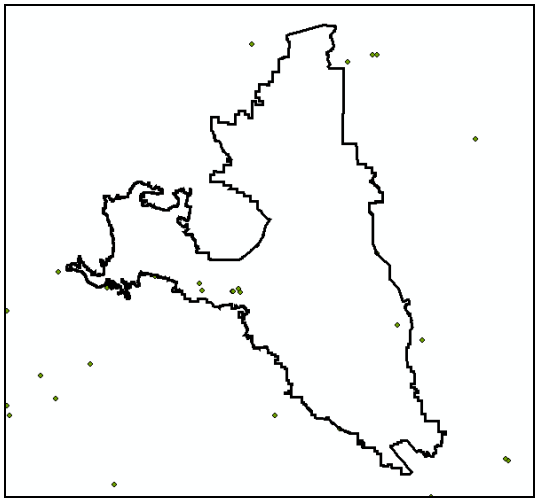
DRMS (Delta Risk Management Strategy)

DWR

Definition:
Internal feature number.
Definition Source:
ESRI
River
Data type: String
DrainArea
Data type: Number
Shape
Data type: Float
Definition:
Feature geometry
Definition Source:
ESRI
NearCity
Data type: Float
Purpose
Data type: Float
YearCompl
Data type: Float
DamLength
Data type: Float
DamHeight
Data type: Float
OBJECTID
Data type: Float
Definition:
Internal feature number.
Definition Source:
ESRI
Tract
Data type: Float
EAP
Data type: Float
Name
Data type: String
MaxStorage
Data type: String
Hazard
Data type: String
SpillType
Data type: Float
DistanceCi
Data type: Float
StructHeig
Data type: String
MaxDischar
Data type: String
HydroHeigh
Data type: Float
NormStorag
Data type: Float
SurfaceAre
Data type: String
PrimaryAge
Data type: String

DRMS (Delta Risk Management Strategy)
DWR

ElectricPowerFacility.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 233

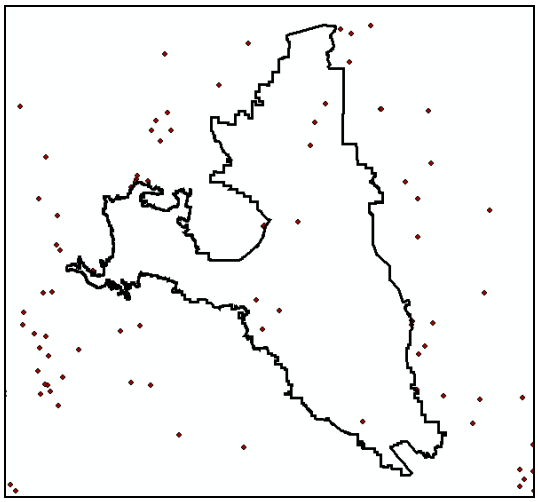
Attributes:

FID	Tract	Use
Data type: OID	Data type: String	Data type: String
Definition:	Name	YearBuilt
Internal feature number.	Data type: String	Data type: Number
Definition Source:	Address	NumStories
ESRI	Data type: String	Data type: Number
Shape	City	Capacity
Data type: Geometry	Data type: String	Data type: Float
Definition:	Statea	Cost
Feature geometry.	Data type: String	Data type: Float
Definition Source:	Zipcode	Latitude
ESRI	Data type: String	Data type: Float
OBJECTID	Owner	Longitude
Data type: Number	Data type: String	Data type: Float
ElectricPo	Contact	Comment
Data type: String	Data type: String	Data type: String
UtilFcltyC	PhoneNumbe	
Data type: String	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

FireStations.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 719

Abstract

PBS&J developed this Waste Water Facilities database from data obtained through the Environmental Protection Agency (EPA) Envirofacts Data Warehouse (Location Reference Tables (LRT) tool. EPA LRT database was query by SIC. The attribute information provided by LRT included: name, address, city, zip, state, and geographical coordinates.
The EPA website address is: http://www.epa.gov/enviro/html/locational/lrt/ez.html Data provided by URS Corporation was incorporated for the state of Alaska. For each item or feature provided, a note was included under the Comment field.

Purpose

This data is used to estimate the damage (and resulting loss of functionality) associated with Waste Water Facilities for a given flood, hurricane, and/or earthquake scenario.

Attributes:

FID	OBJECTID	Feature geometry.
Data type: OID	Data type: Number	Definition Source:
Definition:	Definition:	ESRI
Internal feature number.	Internal feature number.	Tract
Definition Source:	Definition Source:	Data type: String
ESRI	ESRI	Name
Latitude	SHAPE	Data type: String
Data type: String	Data type: String	Address
	Definition:	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

City
Data type: String

Cost
Data type: String

Statea
Data type: String

Zipcode
Data type: String

Longitude
Data type: String

Shape
Data type: String

Definition:
Feature geometry.

Definition Source:
ESRI

Kitchen
Data type: Number

Contact
Data type: Number

Comment
Data type: Float

EfClass
Data type: Number

NumStories
Data type: Number

YearBuilt
Data type: Float

Area
Data type: Number

NumTrucks
Data type: Number

FireStatio
Data type: Float

PhoneNumbe
Data type: Float

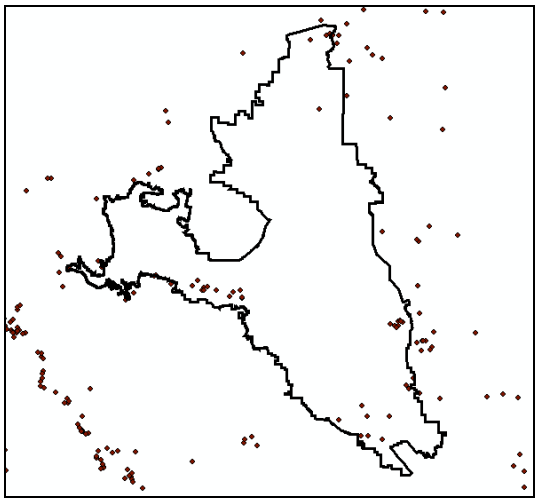
BackupPowe
Data type: String

ShelterCap
Data type: Integer

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Hazmat.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 4499

Abstract

PBS&J developed this Waste Water Facilities database from data obtained through the Environmental Protection Agency (EPA) Envirofacts Data Warehouse (Location Reference Tables (LRT) tool. EPA LRT database was query by SIC. The attribute information provided by LRT included: name, address, city, zip, state, and geographical coordinates.
The EPA website address is: http://www.epa.gov/enviro/html/locational/lrt/ez.html Data provided by URS Corporation was incorporated for the state of Alaska. For each item or feature provided, a note was included under the Comment field.

Purpose

This data is used to estimate the damage (and resulting loss of functionality) associated with Waste Water Facilities for a given flood, hurricane, and/or earthquake scenario.

Attributes:

OBJECTID
Definition:
Internal feature number.
Definition Source:
ESRI
SHAPE
Definition:
Feature geometry.
Definition Source:
ESRI
Tract
Data type: Number
Name
Data type: String
Address
Data type: String
City
Data type: String
Statea
Data type: String
Zipcode
Data type: String
Longitude
Data type: String
FID
Data type: String
Definition:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Internal feature number.
Definition Source:
ESRI
Comment
Data type: String
HazmatID
Data type: String
SIC
Data type: String
Shape
Data type: String
Definition:
Feature geometry.

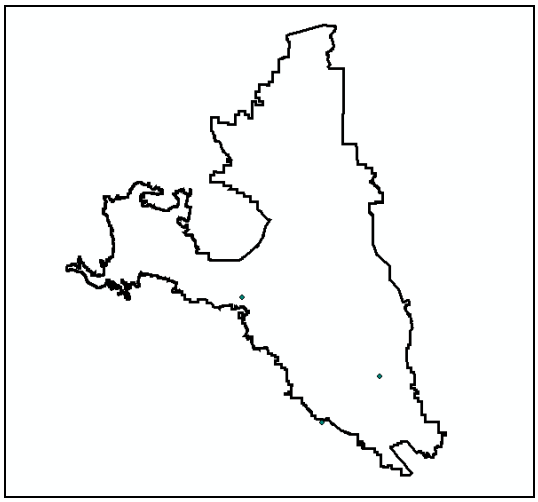
Definition Source:
ESRI
Owner
Data type: String
HplfClass
Data type: String
Cas
Data type: Number
Contact
Data type: String
YearBuilt
Data type: Number

Latitude
Data type: String
EPAID
Data type: Float
PerAmount
Data type: Float
PhoneNumbe
Data type: Float
ChemicalNa
Data type: String
ChemicalQu
Data type: Integer

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

NaturalGasFacility.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 21

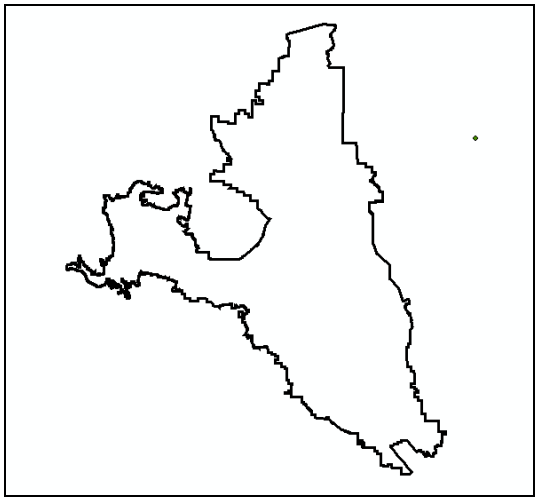
Attributes:

FID	Tract	Use
Data type: OID	Data type: String	Data type: String
Definition:	Name	YearBuilt
Internal feature number.	Data type: String	Data type: Number
Definition Source:	Address	NumStories
ESRI	Data type: String	Data type: Number
Shape	City	Cost
Data type: Geometry	Data type: String	Data type: Float
Definition:	Statea	BackupPowe
Feature geometry.	Data type: String	Data type: Number
Definition Source:	Zipcode	Capacity
ESRI	Data type: String	Data type: Float
OBJECTID	Owner	Latitude
Data type: Number	Data type: String	Data type: Float
NaturalGas	Contact	Longitude
Data type: String	Data type: String	Data type: Float
UtilFcltyC	PhoneNumbe	Comment
Data type: String	Data type: String	Data type: String

NuclearFacility.shp

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR



*Data Available for all of California
Geometry Type: Point
Number of records: 5

Abstract
PBS&J developed this Waste Water Facilities database from data obtained through the Environmental Protection Agency (EPA) Envirofacts Data Warehouse (Location Reference Tables (LRT) tool. EPA LRT database was query by SIC. The attribute information provided by LRT included: name, address, city, zip, state, and geographical coordinates.
The EPA website address is: http://www.epa.gov/enviro/html/locational/lrt/ez.html Data provided by URS Corporation was incorporated for the state of Alaska. For each item or feature provided, a note was included under the Comment field.

Purpose
This data is used to estimate the damage (and resulting loss of functionality) associated with Waste Water Facilities for a given flood, hurricane, and/or earthquake scenario.

Attributes:

Capacity
Data type: Integer
FID
Data type: Number
Definition:
Internal feature number.
Definition Source:
ESRI
OBJECTID
Data type: String
Definition:
Internal feature number.
Definition Source:
ESRI
SHAPE
Data type: String
Definition:
Feature geometry.
Definition Source:
ESRI
Tract
Data type: String
Name
Data type: String
Address
Data type: String
City
Data type: String
Statea
Data type: String
Zipcode
Data type: String
Shape
Data type: String
Definition:
Feature geometry.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Definition Source:
ESRI

Owner
Data type: String

Longitude
Data type: String

Contact
Data type: Number

YearBuilt
Data type: Number

Comment
Data type: Float

Cost
Data type: Float

HplfClass
Data type: Float

NumStories
Data type: Number

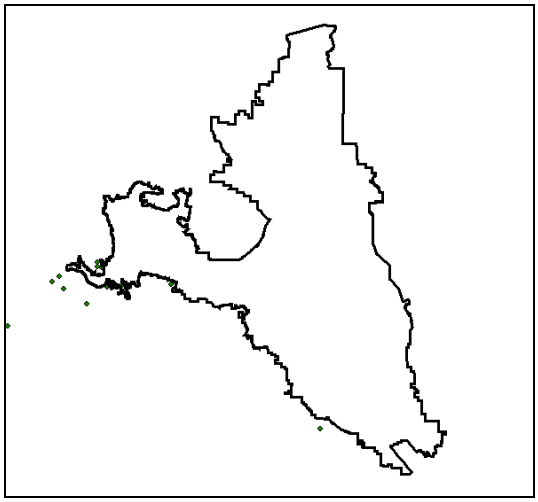
NuclearFlt
Data type: String

PhoneNumbe
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

OilFacility.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 85

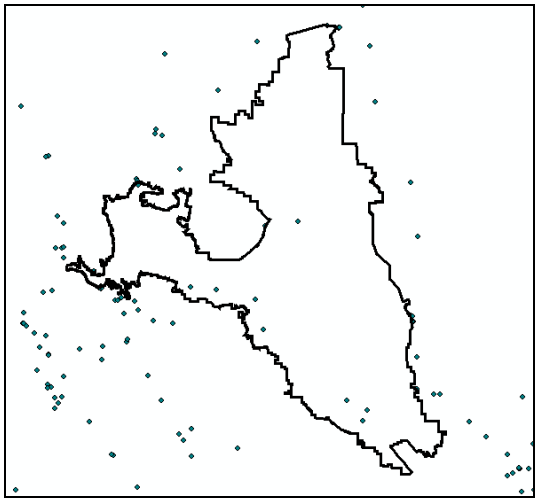
Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI
OBJECTID
Data type: Number
OilFltyId
Data type: String
UtilFcltyC
Data type: String
Tract
Data type: String
Name
Data type: String
Address
Data type: String
City
Data type: String
Statea
Data type: String
Zipcode
Data type: String
Owner
Data type: String
Contact
Data type: String
PhoneNumbe
Data type: String
Use
Data type: String
YearBuilt
Data type: Number
Cost
Data type: Float
BackupPowe
Data type: Number
Capacity
Data type: Float
Latitude
Data type: Float
Longitude
Data type: Float
Comment
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

PoliceStations.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 980
Abstract
PBS&J developed this Waste Water Facilities database from data obtained through the Environmental Protection Agency (EPA) Envirofacts Data Warehouse (Location Reference Tables (LRT) tool. EPA LRT database was query by SIC. The attribute information provided by LRT included: name, address, city, zip, state, and geographical coordinates.
The EPA website address is: http://www.epa.gov/enviro/html/locational/lrt/ez.html Data provided by URS Corporation was incorporated for the state of Alaska. For each item or feature provided, a note was included under the Comment field.
Purpose
This data is used to estimate the damage (and resulting loss of functionality) associated with Waste Water Facilities for a given flood, hurricane, and/or earthquake scenario.

Attributes:

FID	Internal feature number.	Tract
Data type: OID	Definition Source:	Data type: String
Definition:	ESRI	Name
Internal feature number.	SHAPE	Data type: String
Definition Source:	Data type: String	Address
ESRI	Definition:	Data type: String
OBJECTID	Feature geometry.	City
Data type: Number	Definition Source:	Data type: String
Definition:	ESRI	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

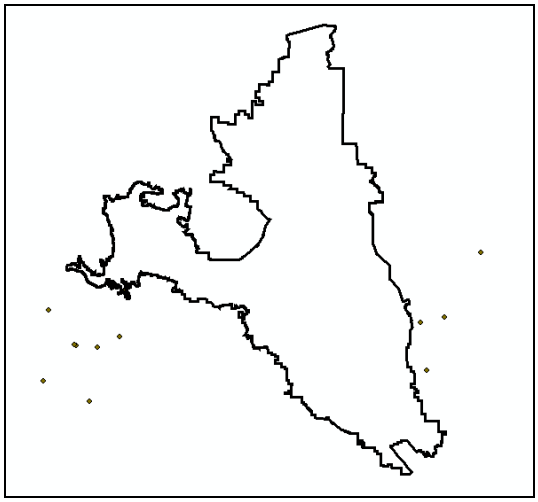
DWR

Cost	Definition Source:	NumStories
Data type: String	ESRI	Data type: Number
Statea	Contact	Kitchen
Data type: String	Data type: Number	Data type: Number
Zipcode	Area	PoliceStat
Data type: String	Data type: Number	Data type: Float
Longitude	Comment	PhoneNumbe
Data type: String	Data type: Float	Data type: Float
Shape	EfClass	BackupPowe
Data type: String	Data type: Number	Data type: String
Definition:	YearBuilt	ShelterCap
Feature geometry.	Data type: Float	Data type: Integer

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

PotableWaterFacility.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 78

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source: ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

OBJECTID
Data type: Number

PotableWat
Data type: String

UtilFcltyC
Data type: String

Tract
Data type: String

Name
Data type: String

Address
Data type: String

City
Data type: String

Statea
Data type: String

Zipcode
Data type: String

Owner
Data type: String

Contact
Data type: String

PhoneNumbe
Data type: String

Use
Data type: String

YearBuilt
Data type: Number

NumStories
Data type: Number

Cost
Data type: Float

SystemId
Data type: String

GClass
Data type: String

BackupPowe
Data type: Number

YearUpgrad
Data type: Number

Capacity
Data type: Number

Demand
Data type: Float

Latitude
Data type: Float

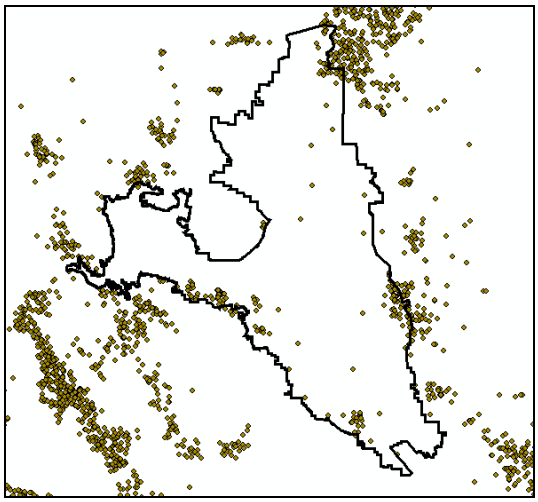
Longitude
Data type: Float

Comment
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Schools.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 12253

Abstract

PBS&J developed this Waste Water Facilities database from data obtained through the Environmental Protection Agency (EPA) Envirofacts Data Warehouse (Location Reference Tables (LRT) tool. EPA LRT database was query by SIC. The attribute information provided by LRT included: name, address, city, zip, state, and geographical coordinates.
The EPA website address is: http://www.epa.gov/enviro/html/locational/lrt/ez.html Data provided by URS Corporation was incorporated for the state of Alaska. For each item or feature provided, a note was included under the Comment field.

Purpose

This data is used to estimate the damage (and resulting loss of functionality) associated with Waste Water Facilities for a given flood, hurricane, and/or earthquake scenario.

Attributes:

OBJECTID
Definition:
Internal feature number.
Definition Source:
ESRI
SHAPE
Data type: Number
Definition:
Feature geometry.
Definition Source:
ESRI
Tract
Data type: String
Name
Data type: String
Address
Data type: String
City
Data type: String
Statea
Data type: String
FID
Data type: String
Definition:
Internal feature number.
Definition Source:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

ESRI
Zipcode
Data type: String
Longitude
Data type: String
Contact
Data type: String
Cost
Data type: String
Shape
Data type: Number
Definition:
Feature geometry.
Definition Source:

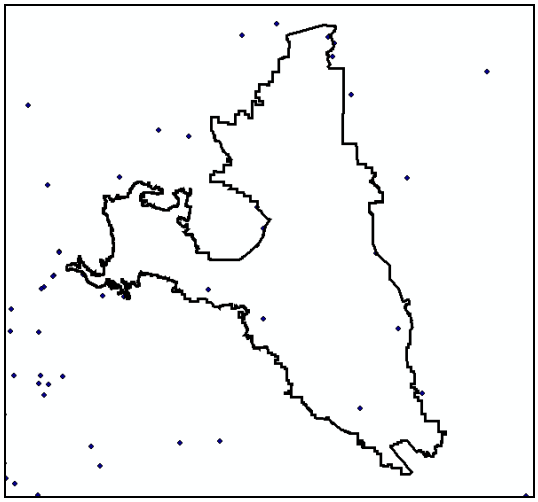
ESRI
District
Data type: Number
Comment
Data type: Float
SchoolId
Data type: Number
EfClass
Data type: Number
NumStories
Data type: Number
YearBuilt
Data type: Float

Area
Data type: String
Kitchen
Data type: Number
PhoneNumbe
Data type: Float
NumStudent
Data type: Float
BackupPowe
Data type: String
ShelterCap
Data type: SmallInteger

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

WasteWaterFacility.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 287

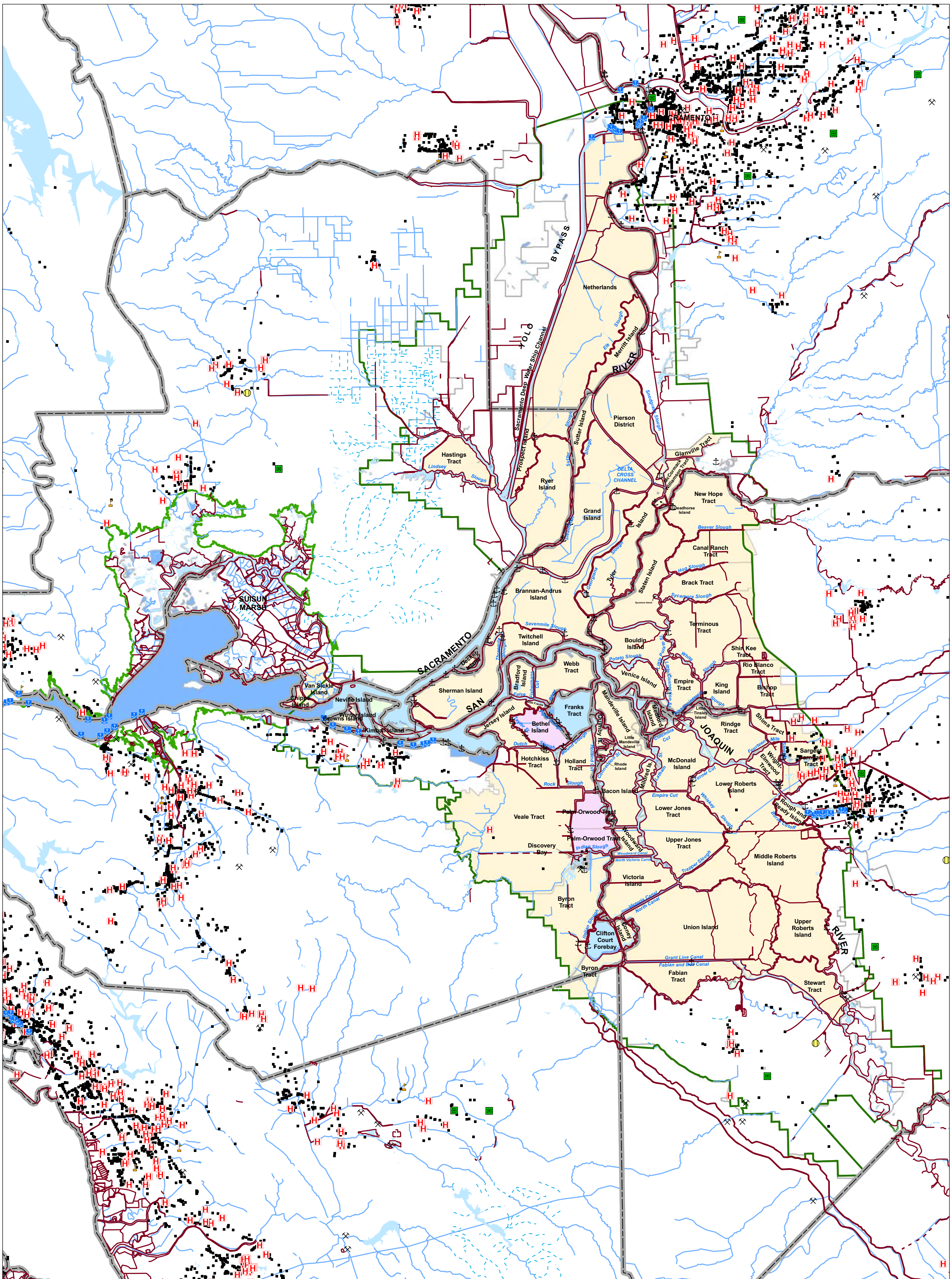
Attributes:

FID	Data type: String	BackupPowe
Data type: OID	Address	Data type: Number
Definition:	Data type: String	Capacity
Internal feature number.	City	Data type: Number
Definition Source:	Data type: String	GClass
ESRI	Statea	Data type: String
Shape	Data type: String	NumStories
Data type: Geometry	Zipcode	Data type: Number
Definition:	Data type: String	SystemId
Feature geometry.	Owner	Data type: String
Definition Source:	Data type: String	YearUpgrad
ESRI	Contact	Data type: Number
OBJECTID	Data type: String	Demand
Data type: Number	PhoneNumbe	Data type: Float
WasteWater	Data type: String	Latitude
Data type: String	YearBuilt	Data type: Float
UtilFcltyC	Data type: Number	Longitude
Data type: String	Use	Data type: Float
Tract	Data type: String	Comment
Data type: String	Cost	Data type: String
Name	Data type: Float	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh



Legend

- Levees
- Bay, estuary, gulf, or sound
- Intermittent canal, ditch, aqueduct, stream, river, or wash
- Perennial canal, ditch, or aqueduct; stream, river; Reservoir
- CA Counties
- CA Water
- Legal Delta v2002.4
- Legal Delta v2002.4 and Suisun Marsh
- Higher Education
- Boatlaunch
- Prison
- Superfund Sites
- Licensed Healthcare Facilities
- BLM Quarry and Mining Operations
- buildings
- port
- Building
- Dock
- Walkway
- Walkway/Parking

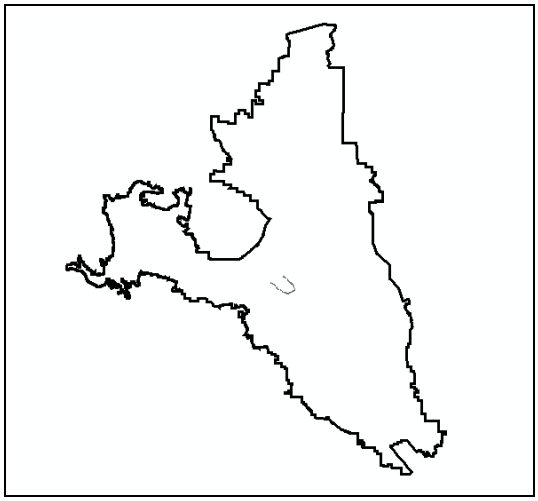
0 5 10 Kilometers

URS	DRMS	PBS&J Data Misc. Data	Figure 8
	26815431		

URS Corporation P:\GIS\GIS_Project_Files\MXD\Analysis\PBS&J_Data\Misc_Data.mxd Date: 7/13/2006 5:06:50 PM Name: akkeele0

DRMS (Delta Risk Management Strategy)
DWR

bethel_encroachments.shp



Geometry Type: Polygon
Number of records: 1191
Theme: encroachments, levee footprint
Place: Bethel Island, Delta, California
Temporal: 2002.05

Abstract

Encroachments onto the Bethel Island levee footprint as of May, 2002. Work conducted by CSU Chico to inventory encroachments based on 2002 aerial orthophotography. These encroachments are therefore probably not a perfect inventory, but rather to give a general idea, since the exact levee footprint is not always readily identified from aerial photos. The work was done under a CSU Chico/DWR contract.
The work is awaiting verification and potential future modification based upon comments from the BIMID superintendent.

Supplementary Information

Source is DWR Delta Levees program, produced 7/2004.

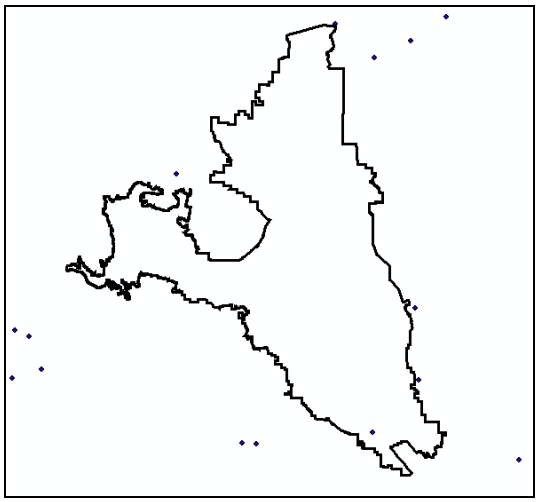
Attributes:

FID	Shape	ID
Data type: OID	Data type: Geometry	Data type: Number
Definition:	Definition:	ENCROACHME
Internal feature number.	Feature geometry.	Data type: String
Definition Source:	Definition Source:	STRUCTURE_
ESRI	ESRI	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

superfund_sites.shp



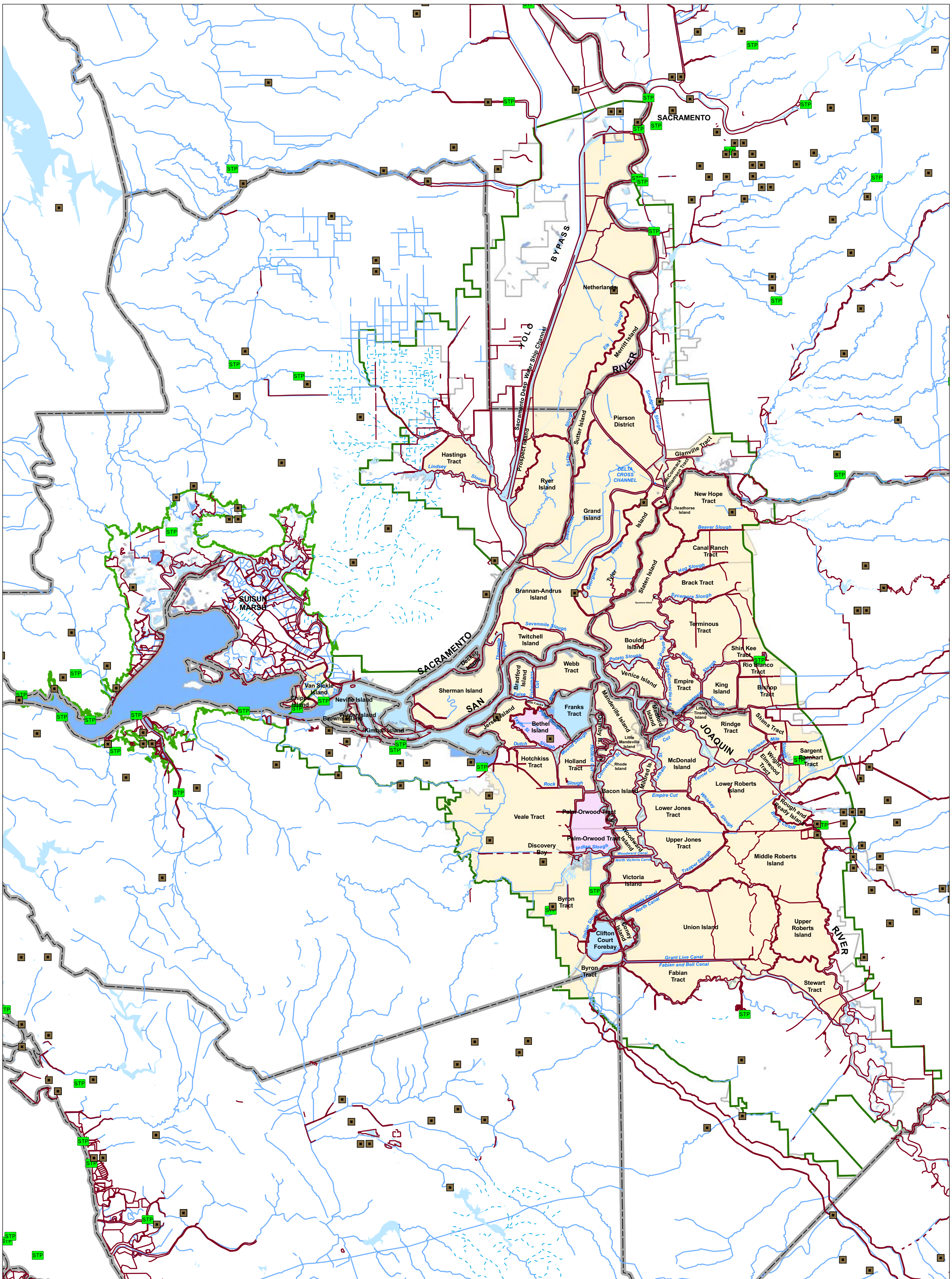
*Data Available for all of California
Geometry Type: Point
Number of records: 88
Theme: Superfund Sites
Place: California
Temporal: 1998
Abstract
Superfund sites in the state of California. Source is the US Atlas.
Purpose
Locate Superfund sites and locations of potential groundwater pollution. Also, avoid buying house on top of these points.
Supplementary Information
Published to DWR Spatial Data Library 3/11/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program. Source to Levee Program was Donna Glover (DWR Flood Management), obtained 11/2000.
These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.
Converted to Geographic/NAD83 using ArcGIS 8.2, double-precision, NADCON.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR
Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI
REGION
Data type: Number
STATE
Data type: String
NAME
Data type: String
CERCLIS_ID
Data type: String
UPDATE
Data type: String
LATITUDE
Data type: String
LONGITUDE
Data type: String
XCOORD
Data type: Number
YCOORD
Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh


SACRAMENTO
YOLO
BYPASS
Sacramento Deep Water Ship Channel
Netherlands
Merritt Island
Elk
Slough
RIVER
Pierson
District
Snodgrass Slough
Glanville Tract
McCormack Williamson Tract
Hastings
Tract
Lindsey
Slough
Prospect Island
Sutter Island
Sutter
Ryer
Island
Grand
Island
Steamboat
DELTA
CROSS
CHANNEL
New Hope
Tract
Deadhorse
Island
Beaver Slough
Canal Ranch
Tract
Hog Slough
Brack Tract
Sycamore Slough
Staten Island
Tyler
Georgiana
Brannan-Andrus
Island
Sevenmile Slough
Twitchell
Island
Terminous
Tract
Bouldin
Island
Shin Kee
Tract
Rio Blanco
Tract
Bishop
Tract
Potato Slough
Venice Island
Empire
Tract
King
Island
White
Slough
Little Potato Sl.
Little Connection Sl.
SUISUN
MARSH
SACRAMENTO
Decker Island
Sherman Island
SAN
Van Sickle
Island
Chipps
Island
Neville Island
Winter Island
Browns Island
Kimball Island
Webb
Tract
Bradford
Island
Fishermans Cut
False
Threemile Slough
Franks
Tract
Jersey Island
Bethel
Island
Taylor Sl.
Piper Slough
Dutch
Slough
Mandeville Island
Medford
Island
Little
Tinsley
Island
JOAQUIN
Rindge
Tract
Shima Tract
Sargent
Barnhart
Tract
Quimby Is.
Little
Mandeville
Island
Columbia
Cut
Mound Slough
Holland Cut
Connection Sl.
Rhode
Island
Hotchkiss
Tract
Holland
Tract
Rock
Slough
Mildred Is.
Latham
Sl.
McDonald
Island
Turner Cut
Fourteen
Mile
Slough
Wright-Elmwood
Tract
Lower Roberts
Island
Whiskey
Slough
Rough and
Ready Island
Burns Cutoff
Bacon Island
Empire Cut
Lower Jones
Tract
Veale Tract
Palm-Orwood Tract
Palm-Orwood Tract
Woodward
Island
Discovery
Bay
Indian Slough
Woodward Canal
North Victoria Canal
Upper Jones
Tract
Trapper Slough
Middle Roberts
Island
Victoria
Island
Victoria Canal
North Canal
Byron
Tract
Italian Slough
Clifton
Court
Forebay
Coney
Island
Union Island
Upper
Roberts
Island
RIVER
Grant Line Canal
Fabian and Bell Canal
Byron
Tract
Fabian
Tract
Stewart
Tract
STP

Legend

·	Solid Waste Facilities		Bay, estuary, gulf, or sound		CA Counties
▪	Sewage Treatment Plant		Intermittent canal, ditch, aqueduct, stream, river, or wash		CA Water
	Levees		Perennial canal, ditch, or aqueduct; stream, river; Reservoir		Legal Delta v2002.4
					Legal Delta v2002.4 and Suisun Marsh

0 5 10 Kilometers

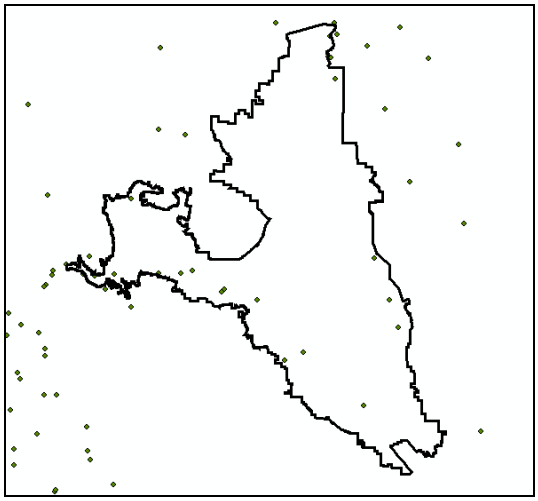
N

URS	DRMS 26815431	PBS&J Data Sewer	Figure 3

URS Corporation P:\GIS\GIS_Project_Files\MXD\Analysis\PBS&J_Data\Sewer.mxd Date: 7/13/2006 5:06:50 PM Name: cxbente0

DRMS (Delta Risk Management Strategy)
DWR

sewage_treat.shp



Geometry Type: Point
Number of records: 388
Theme: Sewage Treatment Plants
Place: California
Temporal: 1999
Abstract
Sewage treatment plants in California.
Purpose
Emergency reponse, water quality, infrastructure.
Supplementary Information
Published to DWR Spatial Data Library 2/21/2003. Source is US Atlas. Dataset acquired from Donna Glover (DWR Flood Management) 11/2000. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program. These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

Attributes:

FID	Definition:	Definition Source:
Data type: OID	Internal feature number.	ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Shape
Data type: Float
Definition:
Feature geometry.
Definition Source:
ESRI
AREA
Data type: Float
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI
PERIMETER
Data type: Number
Definition:
Perimeter of feature in internal units.
Definition Source:
ESRI
GA_STP_
Data type: Number
GA_STP_ID
Data type: Number
NPD
Data type: Number
ADR
Data type: String
STA
Data type: String
ZIP
Data type: String
STC
Data type: String
CC1
Data type: String
CNC
Data type: String
CTY
Data type: String
FLN
Data type: String

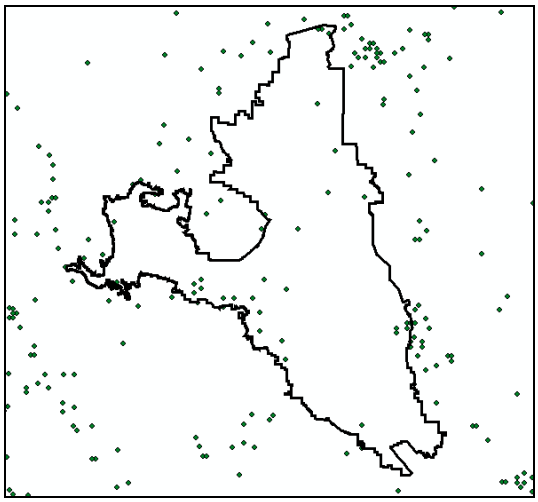
FLP
Data type: String
FLT
Data type: String
REG
Data type: String
CCFLG
Data type: String
DLN
Data type: String
DLT
Data type: String
NAM
Data type: String
DCU
Data type: String
DNB
Data type: String
DRW
Data type: String
FCU
Data type: String
PIP
Data type: String
DFL
Data type: String
DRF3
Data type: String
DRF3MI
Data type: String
DSG
Data type: String
DS1
Data type: String
FFL
Data type: String
FLR
Data type: String
FQMINV
Data type: String
FRF3
Data type: String

FRF3MI
Data type: String
FSG
Data type: String
IACC
Data type: String
IFL
Data type: String
MAJ
Data type: String
NDC
Data type: String
NID
Data type: String
NPC
Data type: String
NPN
Data type: String
NSN
Data type: String
NTC
Data type: String
PFL
Data type: String
RSLOFLO
Data type: String
RSMNFLO
Data type: String
FRW
Data type: String
SEWAGE_TRE
Data type: String
SEWAGE_T_1
Data type: String
POLYGONID
Data type: Number
SCALE
Data type: Float
ANGLE
Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

solid_waste_facilities.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 3800
Theme: waste, waste facilities
Place: California
Abstract
The Solid Waste Information System (SWIS) database contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.
For each facility, the database contains information about location, owner, operator, facility type, regulatory and operational status, authorized waste types, and local enforcement agency.
Purpose
NOTE: This data is intended for those professionals performing ecological risk assessments (ERA), environmental impact assessment, and other types of environmental assessment. It is advised that users review the metadata to learn about the methods used to collect and analyze the data and other details that may affect the interpretation of the information.

Attributes:

FID	Definition Source:	Definition:
Data type: OID	ESRI	Feature geometry.
Definition:	Shape	Definition Source:
Internal feature number.	Data type: Geometry	ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

SITE_NAME
Data type: String

COUNTY
Data type: String

PLACE_NAME
City
Data type: String

EA
(Enforcment Agency)
Data type: String

OPERATOR
Data type: String

OWNER
Data type: String

INSPFREQ
(Inspection Frequency)
Data type: String

PERMITDATE
Data type: Date

CATEGORY
(Type)
Data type: String

ACTIVITY
(Activity of site)
Data type: String

REG_STATUS
(Regulatory Status)
Data type: String

OP_STATUS
(Operating status)
Data type: String

CLOSUREDAT
Data type: Date

CLOSURETYP
Data type: String

P_TONS
(Tons of waste)
Data type: Number

VOLUNITS
(Volume of waste)
Data type: String

CAPUNITS
(units of capacity)
Data type: String

P_ACREAGE
(total facility acreage)
Data type: Number

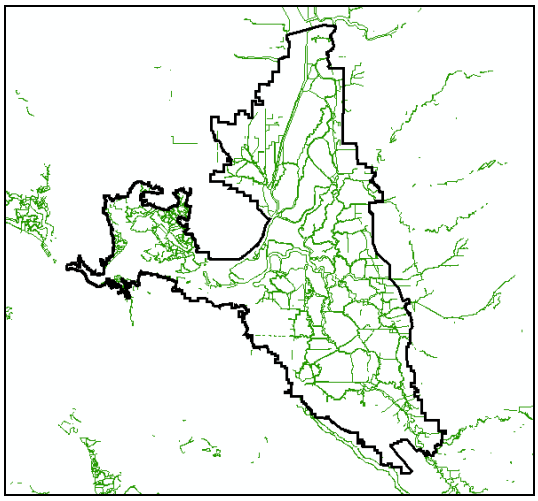
LATITUDE
Data type: Number

LONGITUDE
Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

CA_LEVEE_INVENTORY_051706.mdb (Geodatabase)/ CA_LEVEE_CL



*Data Available for all of California
Geometry Type: Line
Number of records: 8709

Attributes:
OBJECTID
Alias: OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI
LEVEE_NUM
Data type: String
PRIMARY_USE
Data type: String
TYPE_STRUCT
Data type: String
YR_CONST
Data type: Double
PRIMARY_MAINT_AGCY
Data type: String
LOC_DESC
Data type: String
LD_STREAM_NAME
Data type: String
LOCAL_AUTH_NAME
Data type: String
FIRST_NAME
Data type: String
MIDDLE_INIT
Data type: String
LAST_NAME
Data type: String
ADDRESS1
Data type: String
CITY
Data type: String
STATE
Data type: String
ZIP_CODE
Data type: String
PHONE
Data type: String
FAX
Data type: String
OWNER_AGCY
Data type: String
CONSTRUCTION_AGCY
Data type: String
DATA_SRC
Data type: String
LEVEE_BANK
Data type: SmallInteger
LEVEE_CAT
Data type: SmallInteger

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

COMMENT
Data type: String

CONFIRMED
Data type: String

EDITOR
Data type: Integer

EDIT_TYPE
Data type: SmallInteger

EDIT_DATE
Data type: Date

Length
Data type: Double

FLOOD_TYPE
Data type: SmallInteger

REV_ACTION
Data type: SmallInteger

REV_DATE
Data type: Date

REV_EDITOR
Data type: String

REV_ORG
Data type: String

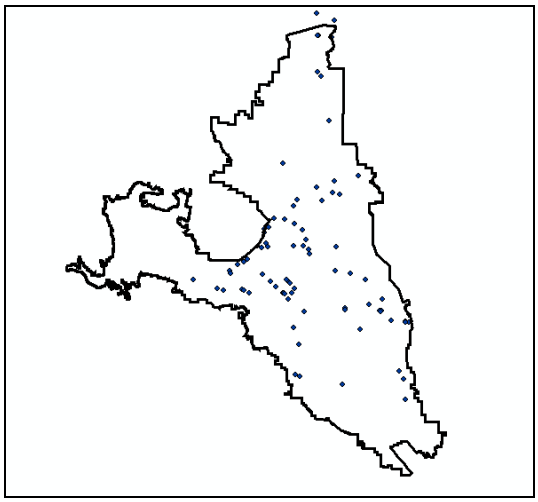
REV_COMMENT
Data type: String

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Boatlaunch.shp



Geometry Type: Point
Number of records: 84
Theme: boat launches
Place: Delta
Temporal: 2004
Abstract
Boat launches in the Delta.
Supplementary Information
Known source is Judith Santillan, Dept of Conservation, supplied to DWR Delta Levees Program 2/2004. I don't believe DOC are the actual originators of these data.

Attributes:

BLANK
Data type: Character

F
Data type: Binary

FID
Data type: Float
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Float
Definition:
Feature geometry.
Definition Source:
ESRI

AREA
Data type: Number
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

PERIMETER
Data type: Number
Definition:
Perimeter of feature in internal units.
Definition Source:
ESRI

NUM
Data type: Number

NAME
Data type: String

PUB
Data type: String

CONUM
Data type: Number

TYPE
Data type: String

F1
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

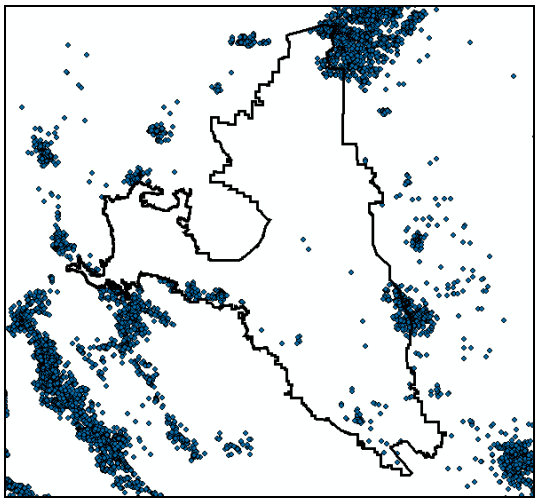
DWR

F2	FSH_SUP	WLF_PRESRV
Data type: String	Data type: String	Data type: String
MARINA	BOAT_RNTL	Y_C
Data type: String	Data type: String	Data type: String
MARINASIZE	TENT_CAMP	TYPE1
Data type: String	Data type: String	Data type: String
L_RAMP	RV_CAMPER	ZONE
Data type: String	Data type: String	Data type: Number
F_ACCESS	CAMPING	SHOWIT
Data type: String	Data type: String	Data type: Number
PARK	PICNIC	UPDATE
Data type: String	Data type: String	Data type: String
WLF_AREA	BOATREPAIR	COMMENT
Data type: String	Data type: String	Data type: String
OTHER	PUB_RESTRM	C64
Data type: String	Data type: String	Data type: Number
BERTHS	PUB_PHN	C65
Data type: String	Data type: String	Data type: String
BERTHSNUM	DRY_BOAT	BOATLAUNCH
Data type: Number	Data type: String	Data type: Number
LAUNCH	F_PR_ACC	BOATLAUN_1
Data type: String	Data type: String	Data type: String
SML_LAUNCH	PLAYGROUND	I63_1
Data type: String	Data type: String	Data type: String
GUEST_DOCK	TRAIL	I63_2
Data type: String	Data type: String	Data type: Number
GAS	WINDSURFIN	I63_3
Data type: String	Data type: String	Data type: Number
PUMPOUT	WATERSKIIN	POLYGONID
Data type: String	Data type: String	Data type: Number
PUMPOUT2	BEACH	SCALE
Data type: String	Data type: String	Data type: Float
RST_MKT	HUNTING	ANGLE
Data type: String	Data type: String	Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Buildings.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 124873
Theme: Buildings, as points
Place: California
Temporal: 1998

Abstract

Buildings, represented as polygons, for much of the state. This was derived from the county-by-county files on the Streetworks 3.0 CD, which dates either to 1995 or 1998.

Supplementary Information

Source is Donna Glover (DWR Flood Management), obtained 11/2000. The final shapefile was created by merging files from individual counties throughout California. Not every county was represented. These files were from the Streetworks folder. Merged, projected from Geographic/NAD27 into UTM Zone 10/NAD27, and cataloged into Delta GIS Library (using ArcGIS 8.1) by Joel Dudas, 9/2001.

Attributes:

FID
Data type: OID
Definition: Internal feature number.
Definition Source: ESRI

Shape
Data type: Geometry
Definition: Feature geometry.
Definition Source: ESRI

BLDG_NAME
Data type: String

ADDRESS
Data type: String

CITY
Data type: String

ZIP_CODE
Data type: String

CARRIER_RT
Data type: String

REC_TYPE
Data type: String

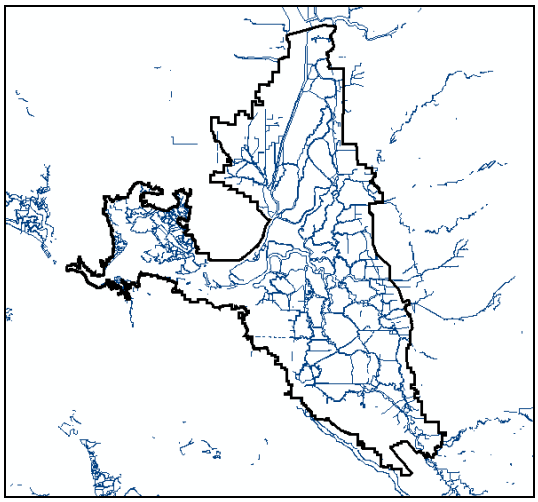
PT_TYPE
Data type: String

FIPS_CODE
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Levees.shp



*Data Available for all of California
Geometry Type: Line
Number of records: 8709

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI
OBJECTID
Data type: Number
LEVEE_NUM
Data type: String
PRIMARY_US
Data type: String
TYPE_STRUC
Data type: String

YR_CONST
Data type: Float
PRIMARY_MA
Data type: String
LOC_DESC
Data type: String
LD_STREAM_
Data type: String
LOCAL_AUTH
Data type: String
FIRST_NAME
Data type: String
MIDDLE_INI
Data type: String
LAST_NAME
Data type: String
ADDRESS1
Data type: String
CITY
Data type: String

STATE
Data type: String
ZIP_CODE
Data type: String
PHONE
Data type: String
FAX
Data type: String
OWNER_AGCY
Data type: String
CONSTRUCTI
Data type: String
DATA_SRC
Data type: String
LEVEE_BANK
Data type: Number
LEVEE_CAT
Data type: Number
COMMENT
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

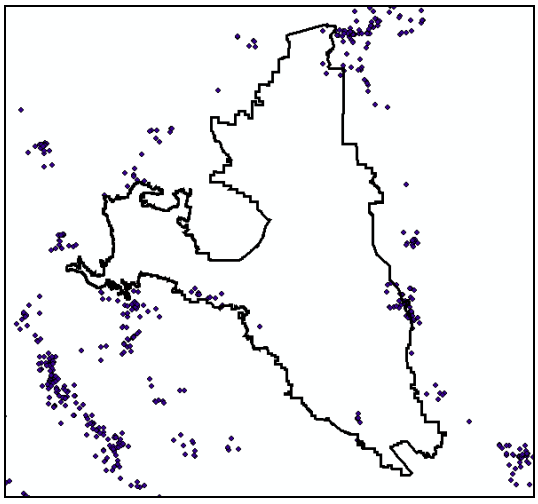
DWR

CONFIRMED	Length	REV_EDITOR
Data type: String	Data type: Float	Data type: String
EDITOR	FLOOD_TYPE	REV_ORG
Data type: Number	Data type: Number	Data type: String
EDIT_TYPE	REV_ACTION	REV_COMMEN
Data type: Number	Data type: Number	Data type: String
EDIT_DATE	REV_DATE	Shape_Leng
Data type: Date	Data type: Date	Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Licensed_Healthcare_Facilities.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 4778
Theme: Healthcare Facilities, Health Facilities, Hospitals

Abstract
The Licensed Healthcare Facilities point layer represents the locations of all healthcare facilities licensed by the State of California, Department of Health Services (DHS), as of the publication date. Facility address information is maintained and provided by the Office of Statewide Health Planning and Development (OSHPD). Facility types include hospitals, nursing homes, clinics, etc.

Purpose
The Licensed Healthcare Facilities map layer provides location information for mapping healthcare facilities in California.

Supplementary Information
Licensed healthcare facility address data were extracted from the the Automated Licensing Information and Report Tracking System (ALIRTS), an OSHPD information system. All address data were then validated against the U.S. Postal Service address database and geocoded using ArcInfo Desktop 8.3 against GDT Dynamap/2000 v13.2.

Attributes:

FID	Shape	OBJECTID
Data type: OID	Data type: Geometry	Data type: Number
Definition:	Definition:	SCORE
Internal feature number.	Feature geometry.	Data type: Number
Definition Source:	Definition Source:	STAN_ADDR
ESRI	ESRI	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

ADDRESS_ID
Data type: String
ADDRESS_1
Data type: String
ADDRESS_2
Data type: String
CITY
Data type: String
STATE
Data type: String
ZIP_CODE
Data type: String
LONGITUDE
Data type: Float
LATITUDE
Data type: Float
COUNTY
Data type: String
CNTY_FIPS
Data type: String
TRACT
Data type: String
CENSUS_KEY
Data type: String
SD
Data type: String
AD
Data type: String
CD
Data type: String
HSA
Data type: String
Definition:
Medical Service Study Area Unique Identifier

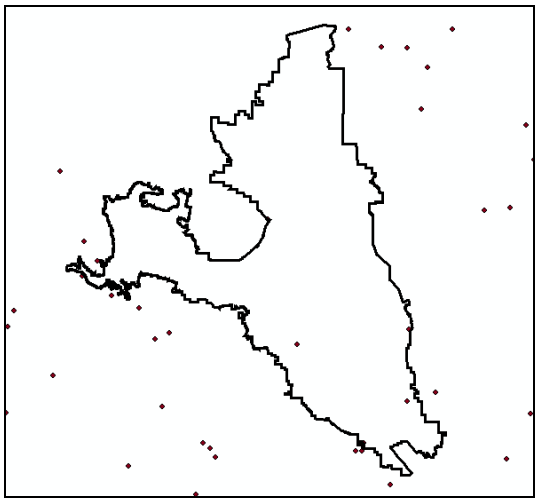
MSSA_ID
Data type: String
Definition:
Medical Service Study Area
Urban/Rural/Frontier Status
MSSA_DFN
Data type: String
LICENSE_NO
Data type: String
Definition:
Internal Identifier
LICENSEID
Data type: String
Definition:
Internal Identifier
FACILITYID
Data type: String
Definition:
Internal Identifier
ENTITY_ID
Data type: String
Definition:
Unique Facility Identifier
PERM_ID
Data type: String
Definition:
Unique Facility Identifier
OSHPD_ID
Data type: String
FACILITY
Data type: String

FAC_STATUS
Data type: String
FAC_DATE
Data type: Date
FAC_TYPE
Data type: String
Definition:
Effective Date or Suspense/Closure Date
TYPE_ID
Data type: String
TYPE
Data type: String
CATEGRY_ID
Data type: String
CATEGORY
Data type: String
TOTAL_BEDS
Data type: Number
EMS_LEVEL
Data type: String
TRAUMA_LEV
Data type: String
TEACH_HOSP
Data type: Number
TOTAL_BEDS
Data type: Number
EMS_LEVEL
Data type: String
TRAUMA_LEV
Data type: String
TEACH_HOSP
Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Mineplant-fUS06.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 396

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Alias: Shape
Data type: Geometry
Width: 0
Precision: 0
Scale: 0

Definition:
Feature geometry.
Definition Source:
ESRI

id
Data type: Number

COMMODITY
Data type: String

SITE_NAME
Data type: String

COMPANY_NA
Data type: String

STATE_LOCA
Data type: String

COUNTY
Data type: String

LATITUDE
Data type: Number

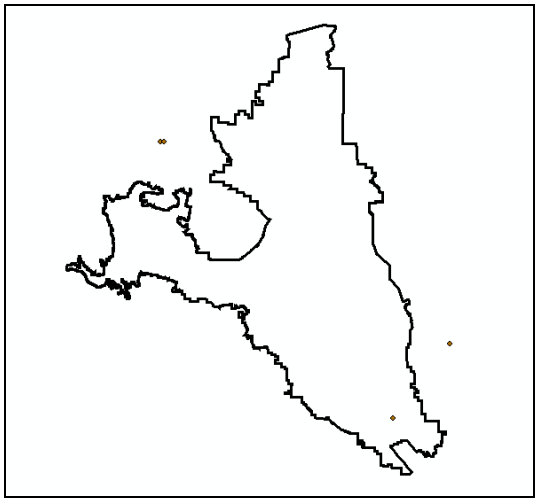
LONGITUDE
Data type: Number

PLANT_MIN
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Prisons.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 33
Theme: Prisons, State Penitentiary, The Big House, Lockdown Town, The Klink, Correctional Facility
Place: California, El Dorado county
Temporal: 1999
Abstract
Prisons, state of California. Part of the Teale Data Set.
Purpose
Locate where the felons live.
Supplementary Information
Source is CalGIS website. Downloaded, imported to coverage format, and cataloged into DWR GIS Library by Joel Dudas, 3/2002, using ArcGIS 8.1

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

GDTMCD
Data type: Float

GDTMSA
Data type: Float

AREA
Data type: Number
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

PERIMETER
Data type: Number
Definition:
Perimeter of feature in internal units.
Definition Source:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

ESRI

NAME
Data type: String

ADDR
Data type: String

CITY
Data type: String

ZIP
Data type: String

GDTCFIPS
Data type: Number

GDTTR90
Data type: String

GDTBG90
Data type: String

GDTPLACE
Data type: String

PRISONS_
Data type: String

PRISONS_ID
Data type: String

POLYGONID
Data type: Number

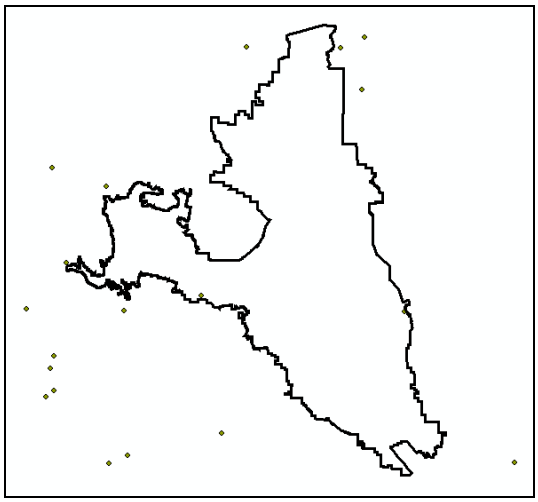
SCALE
Data type: Float

ANGLE
Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Universities.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 142
Theme: Universities, Colleges
Place: California
Temporal: 1999
Abstract
Colleges & universities in the state of California. Part of the Teale Data Set.
Purpose
Identify where institutions of higher learning reside.
Supplementary Information
Source is CalGIS website. Downlaoded, imported interchange to coverage format, and cataloged into DWR GIS Library by Joel Dudas, 3/2002, using ArcGIS 8.1

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source: ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source: ESRI

NAME
Data type: Float

SYSTEM
Data type: Float

AREA
Data type: Number
Definition:
Area of feature in internal units squared.
Definition Source: ESRI

PERIMETER
Data type: Number
Definition:
Perimeter of feature in internal units.
Definition Source: ESRI

UNIVERSITI
Data type: String

UNIVERSI_1
Data type: String

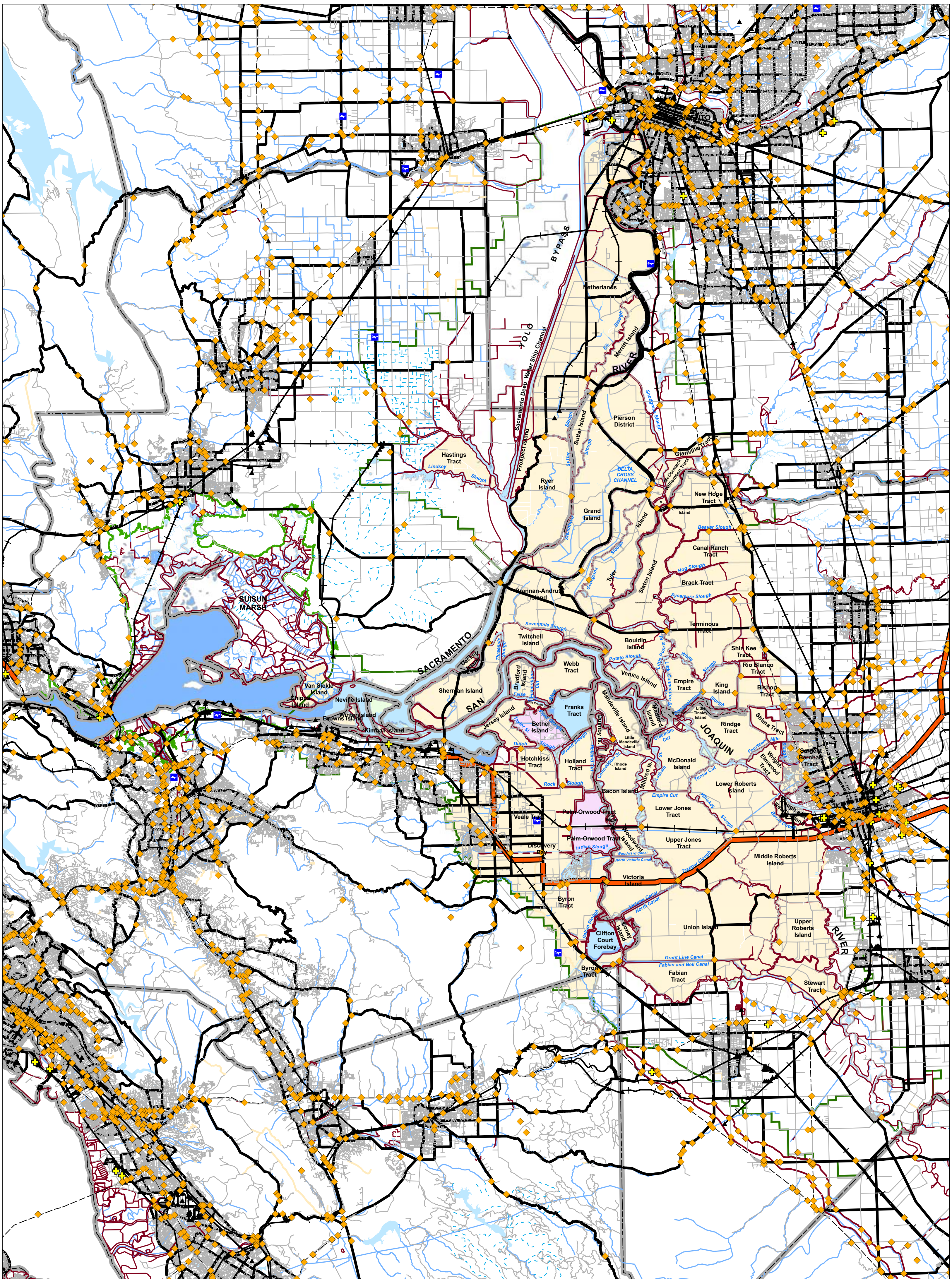
Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

POLYGONID	SCALE	ANGLE
Data type: Number	Data type: Float	Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh


SACRAMENTO
YOLO BYPASS
Sacramento Deep Water Ship Channel
Prospect Island
Netherlands
Elk Slough
Merritt Island
RIVER
Sutter Island
Sutter Slough
Pierson District
Snodgrass Slough
Glanville Tract
McCormack Williamson Tract
DELTA CROSS CHANNEL
Hastings Tract
Lindsey Slough
Ryer Island
Grand Island
Steamboat Slough
New Hope Tract
Beaver Slough
Canal Ranch Tract
Hog Slough
Brack Tract
Sycamore Slough
Georgiana Slough
Tyler Island
Staten Island
Brannan-Andrus Island
Terminous Tract
Sevenmile Slough
Twitchell Island
Threemile Slough
Bouldin Island
Potato Slough
Shin Kee Tract
Rio Blanco Tract
SUISUN MARSH
SACRAMENTO
Decker Island
Webb Tract
Venice Island
Empire Tract
King Island
Bishop Tract
Bradford Island
Fishermans Cut
False River
Sherman Island
Van Sickle Island
Chipps Island
Neville Island
Winter Island
Browns Island
Kimball Island
SAN
Jersey Island
Franks Tract
Little Franks Tract
Taylor Sl.
Bethel Island
Piper Slough
Mandeville Island
Medford Island
Little Tinsley Island
Rindge Tract
Shima Tract
JOAQUIN
Dutch Slough
Mound Slough
Quimby Is.
Little Mandeville Island
Columbia Cut
Fourteen Mile Slough
Wright-Elmwood Tract
Sargent Barnhart Tract
Hotchkiss Tract
Holland Tract
Holland Cut
Rhode Island
Connection Sl.
McDonald Island
Turner Cut
Mildred Is.
Latham Sl.
Rock Slough
Bacon Island
Empire Cut
Lower Roberts Island
Whiskey Slough
Burns Cutoff
Palm-Orwood Tract
Veale Tract
Lower Jones Tract
Palm-Orwood Tract
Woodward Island
Upper Jones Tract
Discovery Bay
Indian Slough
Woodward Canal
North Victoria Canal
Trapper Slough
Middle Roberts Island
Victoria Island
Byron Tract
Victoria Canal
North Canal
Italian Slough
Clifton Court Forebay
Coney Island
Union Island
Upper Roberts Island
RIVER
Grant Line Canal
Fabian and Bell Canal
Byron Tract
Fabian Tract
Stewart Tract

Legend

- Levees
- Bay, estuary, gulf, or sound
- Intermittent canal, ditch, aqueduct, stream, river, or wash
- Perennial canal, ditch, or aqueduct; stream, river; Reservoir
- CA Counties
- CA Water
- Legal Delta v2002.4
- Legal Delta v2002.4 and Suisun Marsh
- Airports
- Railroad Nodes
- Intermodal Terminal Facilities
- Bridges
- Ferry
- Limited Access
- Highway
- Major Road
- Local Road
- Minor Road
- Other Road
- Ramp
- Ferry
- Pedestrain Way
- railroads

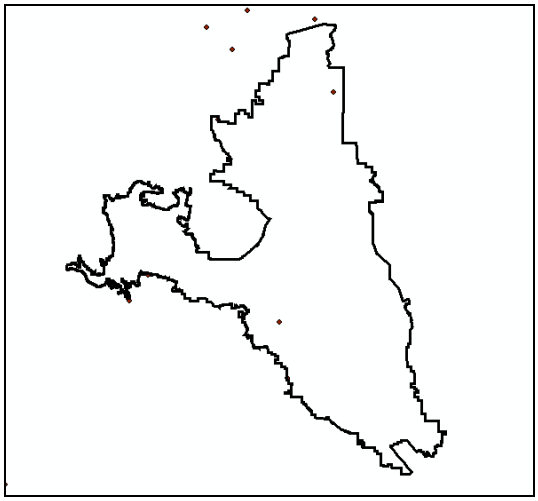
0 5 10 Kilometers

URS	DRMS 26815431	PBS&J Data Transportation	Figure 5

URS Corporation P:\GIS\GIS_Project_Files\MXD\Analysis\PBS&J_Data\Transportation.mxd Date: 7/13/2006 5:06:50 PM Name: akkeele0

DRMS (Delta Risk Management Strategy)
DWR

airport_points.shp

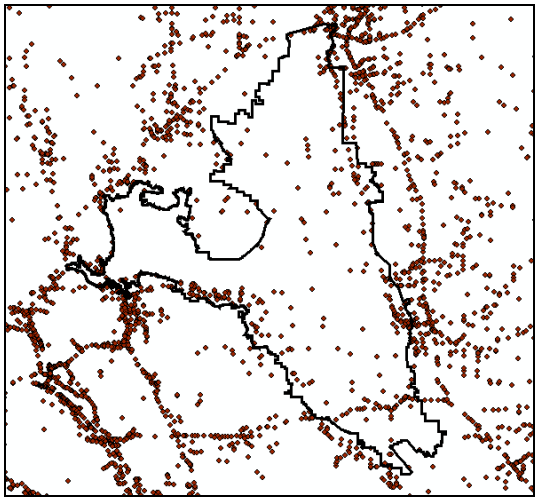


CORRUPT XML
Geometry Type: Point

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

bridges.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 29643
Theme: Bridges
Place: California
Temporal: 1999
Abstract
Bridges, as point features. Does not line up well with Delta "bridges" coverage.
Purpose
Locate bridges, traffic planning, emergency response.
Supplementary Information
Source is Donna Glover (DWR Flood Management), obtained 11/2000. The lineage of this dataset is vague and cloudy, and this shapefile expresses this history by not lining up correctly with other layers, regardless of the several projection/datum conversions I have attempted. This particular shapefile cataloged into Delta GIS Library (using ArcGIS 8.1) by Joel Dudas, 6/2001.

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition: Feature geometry.
Definition Source:
ESRI

ID
Data type: String

NAME
Data type: String

OWNER
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

CLASS
Data type: String

TYPE
Data type: String

WIDTH
Data type: Number

LENMAXSPAN
Data type: Number

LENGTH
Data type: Number

NUM_SP
Data type: Number

ANGLE
Data type: Number

SEAT_L
Data type: Number

SEAT_W
Data type: Number

YEAR_B
Data type: Number

YEAR_R
Data type: Number

PIER
Data type: String

FOUNDATION
Data type: String

SCOUR
Data type: String

TRAFFIC
Data type: Number

TRAF_INDEX
Data type: String

COST
Data type: Number

ELEVAT
Data type: Number

LAT
Data type: Number

LONG
Data type: Number

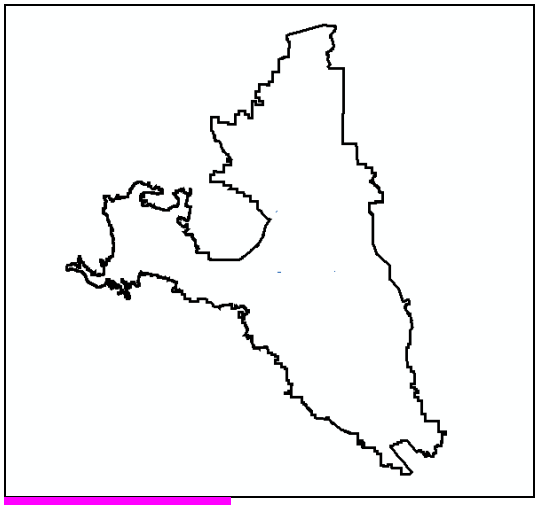
COUNTY
Data type: String

COMMENT
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Ferry.shp

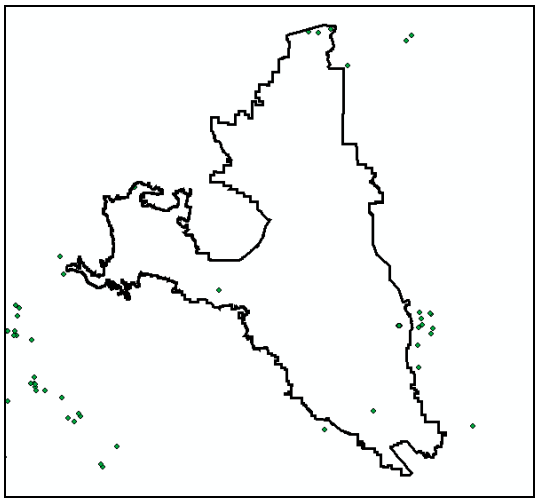


CORRUPT XML
Geometry Type: Line

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

intermodal_terminal_facilities.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 212
Theme: intermodal terminal facilities
Place: California
Temporal: 2003
Abstract
Intermodal Terminal Facilities
This is a public dataset for the Department of Transportation, Bureau of Transportation Statistics. The public database consists of four tables. One of the tables is a spatial table: INTERMODAL_FACILITY. The three other tables consist of attribute data for the database: INTERMODAL_CARGO, INTERMODAL_COMMODITY and INTERMODAL_DIRECTIONALITY. This database was based on the requirements from the Commodity Flow Survey and with the different modes of DOT, supervised by BTS. The database will extend its design to support all of the modes within the DOT and in reference to modes involved with Intermodal transfer.
Purpose
This is a public dataset for the Department of Transportation, Bureau of Transportation Statistics for internal use in GIS efforts. The data can be utilized alone or in conjunction with various networks developed for the data.
Supplementary Information
Obtained by DWR Delta Levees (Joel Dudas) from OES (Alan Kilgore) in 9/2004.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR
Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

ID
Data type: String

NAME
Data type: String

TYPE
Data type: String

MODE_TYPE
Data type: String

CITY
Data type: String

STATE
Data type: String

FIPS
Data type: String

ZIP
Data type: String

ZIP2
Data type: String

PARCEL
Data type: Number

LATITUDE
Data type: Number

LONGITUDE
Data type: Number

GEOSOURCE
Data type: String

CREATEDATE
Data type: Date

CREATOR
Data type: String

MODDATE
Data type: Date

VERSION
Data type: String

ASSOC
Data type: String

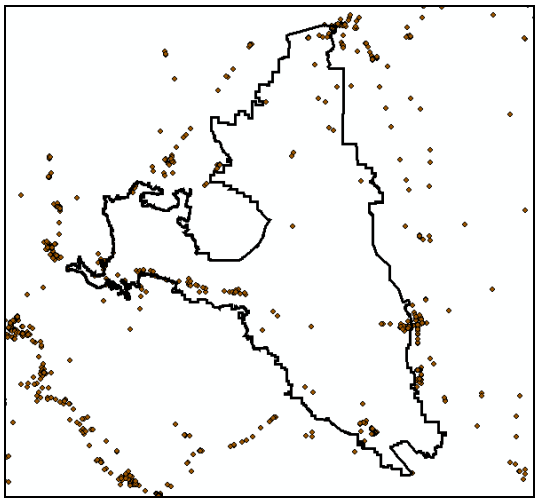
BTSVERSION
Data type: String

REVISION
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

rail_100000_nodes.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 5162
Abstract:
The Rail Network is a comprehensive database of the nation's railway system at the 1:100,000 scale. The data set covers the 48 contiguous States plus the District of Columbia.
Purpose: The data set provides location and partial attribute information for use in national and regional network analysis applications.
Supplementary Information
Obtained from OES (Alan Kilgore) by DWR Delta Levees (Joel Dudas) in 9/2004.

Attributes:

FID
Data type: OID
Definition: Internal feature number.
Definition Source: ESRI

Shape
Data type: Geometry
Definition: Feature geometry.
Definition Source: ESRI

ID
Data type: Number

LONGITUDE
Data type: Number

LATITUDE
Data type: Number

FRAIDN
Data type: Number

JUNCTION
Data type: String

SPLC
Data type: String

NAME
Data type: String

STATE
Data type: String

FIPS
Data type: String

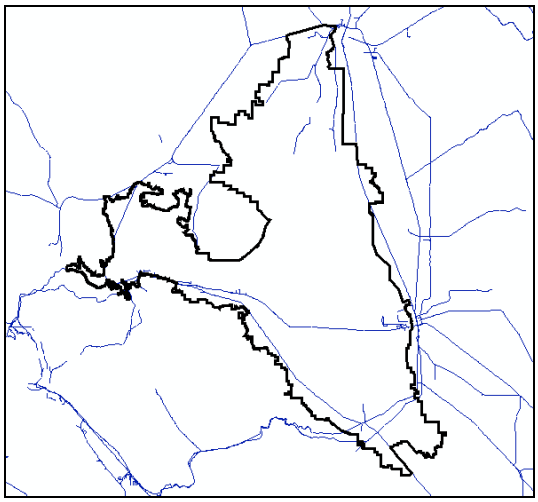
VERSION
Data type: String

REVISION
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

railroads.shp



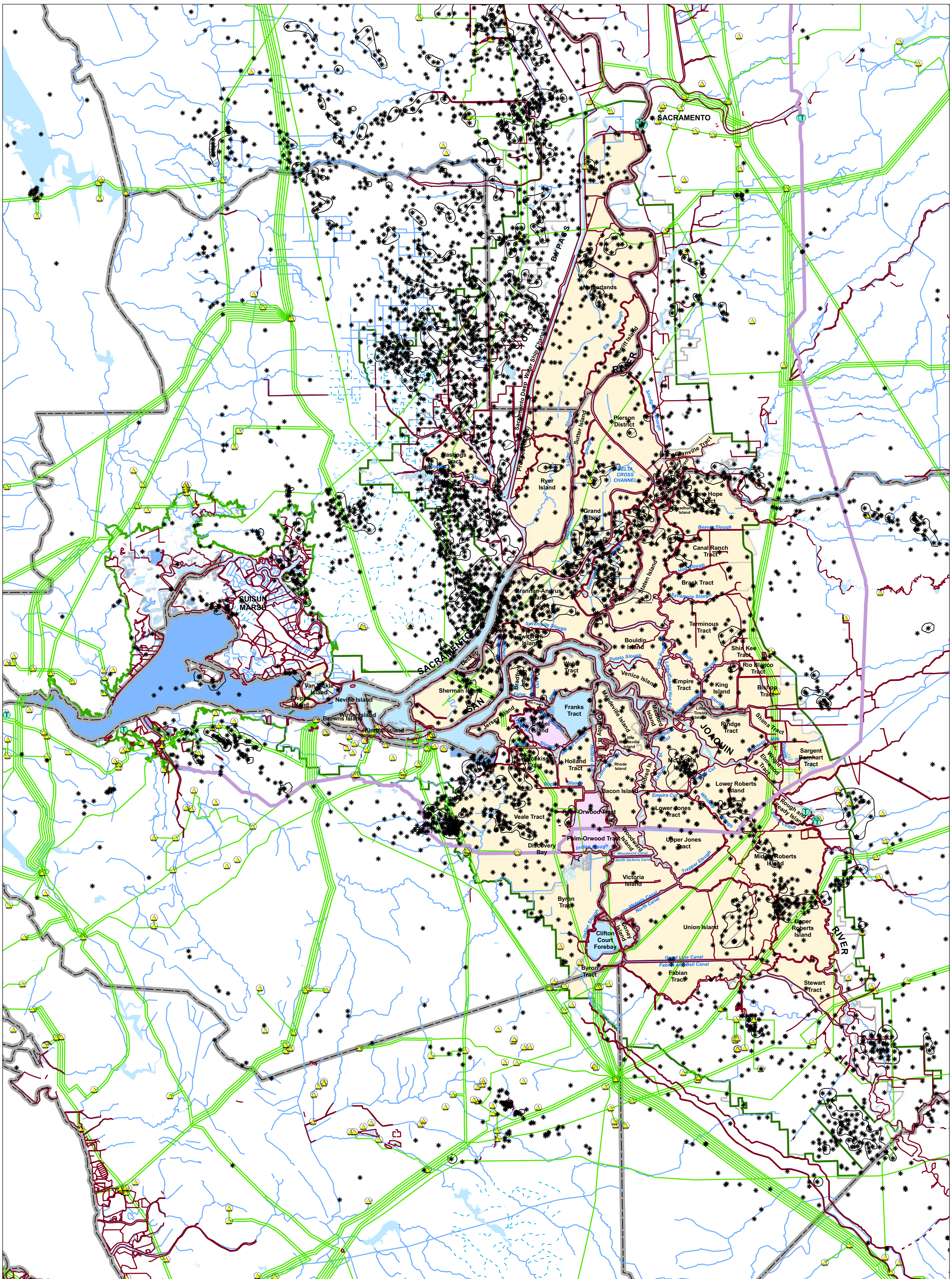
*Data Available for all of California
Geometry Type: Line
Number of records: 30802
Theme: Railroads, Feature Identifier, Census Feature Class Code (CFCC), TIGER/Line, Street Centerline, Street Segment
Place: California
Temporal: 2002.06.07
Abstract
This dataset is one from a series of transportation layers are derived from the US Census Bureau Tiger 2K (June 7, 2002 Version) information. All the layers are statewide and are arranged by their major Census Feature Class Code (CFCC). All data layers are reprojected into the CaSIL standard projection, and only a small subset of the attribution is included. Zip Code, and address information is NOT included.
Purpose
These data are intended for geographic display and analysis for California. They should be displayed and analyzed at scales appropriate for 1:100,000-scale data.
Supplementary Information
This dataset has been made available thru the California
Spatial Information Library URL:http://gis.ca.gov. They have been subsetted to California, and reprojected into a common statewide projection.
To find out more about TIGER/Line files and other Census TIGER database derived data sets visit http://www.census.gov/geo/www/tiger.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR
Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI
MODULE
Data type: String
TLID
Data type: Number
FEDIRP
Data type: String
FENAME
Data type: String
FETYPE
Data type: String
FEDIRS
Data type: String
CFCC
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh


SACRAMENTO
YOLO BYPASS
Sacramento Deep Water Ship Channel
Netherlands
Merritt Island
RIVER
Hastings Tract
Ryer Island
Sutter Island
Pierson District
Glanville Tract
DELTA CROSS CHANNEL
New Hope Tract
Grand Island
Beaver Slough
Canal Ranch Tract
Brack Tract
Staten Island
Brannan-Andrus Island
Terminous Tract
Bouldin Island
Twitchell Island
Shin Kee Tract
Rio Blanco Tract
Bishop Tract
Empire Tract
King Island
Venice Island
Webb Tract
SUISUN MARSH
SACRAMENTO
Decker Island
Sherman Island
Van Sickle Island
Chipps Island
Neville Island
Winter Island
Browns Island
Kimball Island
SAN
JOAQUIN
Jersey Island
Franks Tract
Bethel Island
Mandeville Island
Medford Island
Rindge Tract
Shima Tract
Sargent Barnhart Tract
Holland Tract
Bacon Island
McDonald Island
Lower Roberts Island
Rough and Ready Island
Veale Tract
Palm-Orwood Tract
Lower Jones Tract
Upper Jones Tract
Discovery Bay
Woodward Island
Middle Roberts Island
Victoria Island
Byron Tract
Union Island
Clifton Court Forebay
Coney Island
Upper Roberts Island
Fabian Tract
Stewart Tract

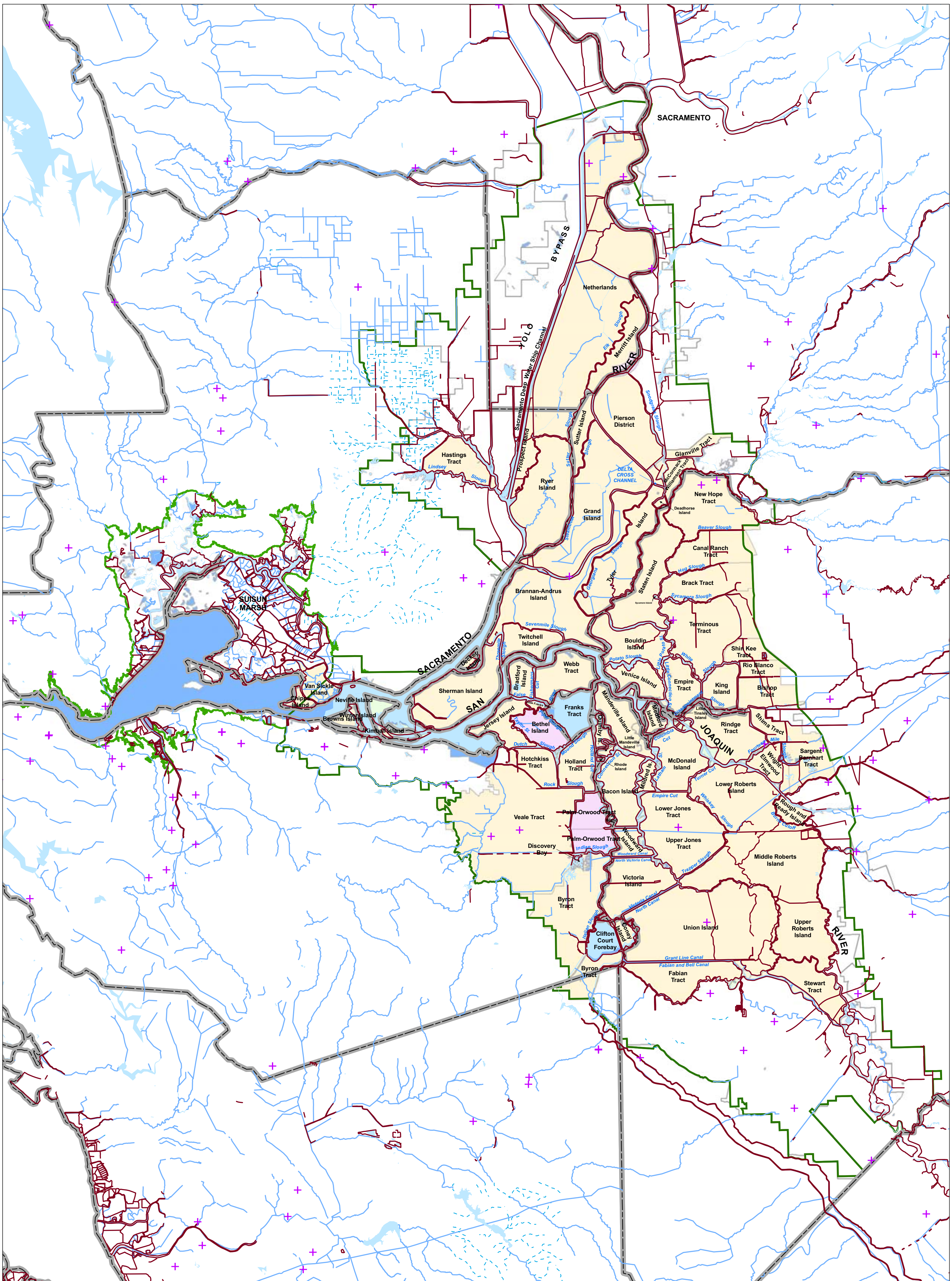
Legend

- Tank Farm
- Gas and Oil Well
- Substations
- Kinder Morgan Gas Pipeline LS9
- Transmission Lines
- Levees
- Gas and Oil Production Field
- Bay, estuary, gulf, or sound
- Intermittent canal, ditch, aqueduct, stream, river, or wash
- Perennial canal, ditch, or aqueduct; stream, river; Reservoir
- CA Counties
- CA Water
- Legal Delta v2002.4
- Legal Delta v2002.4 and Suisun Marsh

0 5 10 Kilometers

URS	DRMS 26815431	PBS&J Data Utilities, Oil, and Gas	Figure 1

URS Corporation P:\GIS\GIS_Project_Files\MXD\Analysis\PBS&J_Data\Utilities_Oil_Gas.mxd Date: 7/13/2006 5:06:50 PM Name: cxbente0


SACRAMENTO
BYPASS
YOLO
Sacramento Deep Water Ship Channel
Netherlands
Elk Slough
Merritt Island
RIVER
Snodgrass Slough
Pierson District
Sutter Island
Sutter Slough
Prospect Island
Hastings Tract
Lindsey Slough
Ryer Island
DELTA CROSS CHANNEL
Glanville Tract
McCormack Williamson Tract
New Hope Tract
Deadhorse Island
Grand Island
Steamboat Slough
Island
Beaver Slough
Canal Ranch Tract
Hog Slough
Brack Tract
Georgiana Slough
Tyler
Staten Island
Sycamore Slough
Sycamore Island
Brannan-Andrus Island
Terminous Tract
Sevenmile Slough
Twitchell Island
SUISUN MARSH
SACRAMENTO
Decker Island
Threemile Slough
Bouldin Island
Potato Slough
White Slough
Shin Kee Tract
Rio Blanco Tract
Webb Tract
Venice Island
Empire Tract
King Island
Bishop Tract
Van Sickle Island
Chipps Island
Neville Island
Sherman Island
Bradford Island
Fishermans Cut
False
Winter Island
Browns Island
Kimball Island
SAN
Franks Tract
Little Franks Tract
Jersey Island
Bethel Island
Piper Slough
Taylor Sl.
Mandeville Island
Medford Island
Quimby Is.
Little Potato Sl.
Little Connection Sl.
Disappointment Slough
Little Tinsley Island
JOAQUIN
Rindge Tract
Shima Tract
Dutch Slough
Mound Slough
Little Mandeville Island
Columbia Cut
Fourteen Mile Slough
Sargent Barnhart Tract
Hotchkiss Tract
Holland Tract
Holland Cut
Connection Sl.
Rhode Island
McDonald Island
Latham Sl.
Wright-Elmwood Tract
Rock Slough
Mildred Is.
Turner Cut
Lower Roberts Island
Bacon Island
Empire Cut
Whiskey Slough
Rough and Ready Island
Burns Cutoff
Veale Tract
Palm-Orwood Tract
Lower Jones Tract
Upper Jones Tract
Woodward Island
Discovery Bay
Indian Slough
Woodward Canal
North Victoria Canal
Trapper Slough
Middle Roberts Island
Victoria Island
Byron Tract
Victoria Canal
North Canal
Union Island
Upper Roberts Island
Italian Slough
Clifton Court Forebay
Coney Island
RIVER
Grant Line Canal
Fabian and Bell Canal
Byron Tract
Fabian Tract
Stewart Tract

Legend

- US_cell_towers
- Levees
- Bay, estuary, gulf, or sound
- Intermittent canal, ditch, aqueduct, stream, river, or wash
- Perennial canal, ditch, or aqueduct; stream, river; Reservoir
- CA Counties
- CA Water
- Legal Delta v2002.4
- Legal Delta v2002.4 and Suisun Marsh

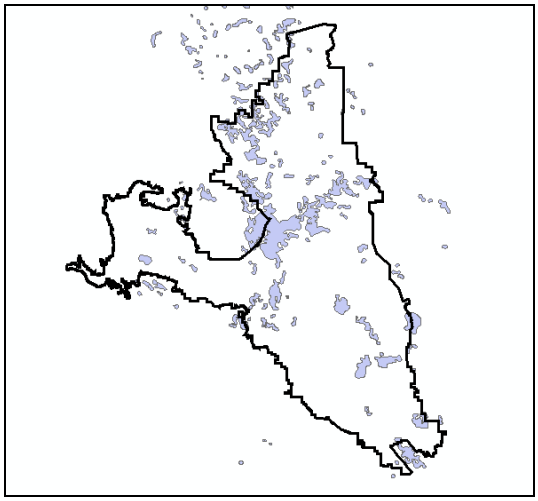
0 5 10 Kilometers

URS	DRMS 26815431	PBS&J Data Communication	Figure 4

URS Corporation P:\GIS\GIS_Project_Files\MXD\Analysis\PBS&J_Data\Communication.mxd Date: 7/13/2006 5:06:50 PM Name: cxbente0

DRMS (Delta Risk Management Strategy)
DWR

gas_oil_production_fields.shp



*Data Available for all of California
Geometry Type: Polygon
Number of records: 518
Theme: gas production fields
Place: California
Temporal: 2004.05
Abstract
Gas production fields, produced by the California Department of Conservation. DOC verbally stated that it was made "about 2 years ago" (as of 5/2004), and was produced from a variety of basemaps, some 24k quads, some 100k topo maps.
Supplementary Information
Supplied by DOC to CA Department of Water Resources Delta Levees Program, 5/2004.

Attributes:

FID
Data type: OID
Definition: Internal feature number.
Definition Source: ESRI

Shape
Alias: Shape
Data type: Geometry
Definition: Feature geometry.
Definition Source: ESRI

ID
Data type: Number

NAME
Data type: String

AREA_NAME
Data type: String

SQMI
Data type: Number

PERIMETER
Data type: Number

ACRES
Data type: Number

FIELDCODE
Data type: String

PRODOILWEL
Data type: Number

PROD_BBL
Data type: Number

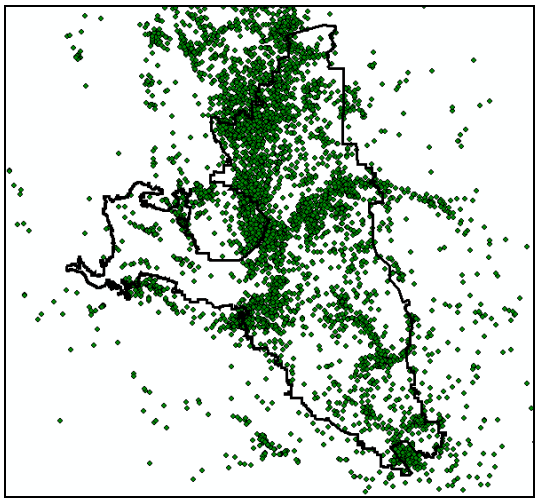
PROGASWELL
Data type: Number

PROD_MCF
Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

gas_oil_wells.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 181989
Theme: oil gas & geothermal wells, wells
Place: northern California
Temporal: 2004.05

Abstract

Oil & gas wells within the northern California. This is a database produced by California Department of Conservation Division of Oil, Gas, and Geothermal Resources. It was supplied to DWR in 5/2004 and converted from dbf file into a shapefile based on the given latitudes and longitudes.

Supplementary Information

Digital maps are presented as digital well locations listed in a database as latitude and longitude, and as digital maps in PDF format.
Digital Well Locations
Digital well locations are available in a database file that contains the latitude and longitude for each well in the state. These database files can be downloaded as a statewide file (with approximately 185,000 wells listed) or by district office (see the map index).

Attributes:

FID	ESRI	Definition Source:
Data type: OID	Shape	ESRI
Definition:	Data type: Geometry	DISTRICT
Internal feature number.	Definition:	Data type: String
Definition Source:	Feature geometry.	APINUMBER

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Data type: String

OPERATOR
Data type: String

LEASE
Data type: String

WELL_NO
Data type: String

FIELD
Data type: String

AREA
Data type: String

MAP
Data type: String

STATUS_COD
Data type: String

SOURCE
Data type: String

LATITUDE
Data type: Number

LONGITUDE
Data type: Number

TD
Data type: Number

SEC
Data type: Number

TWN
Data type: String

RGE
Data type: String

BM
Data type: String

X_COORD
Data type: Number

Y_COORD
Data type: Number

ZONE
Data type: String

SPUDDATE
Data type: Date

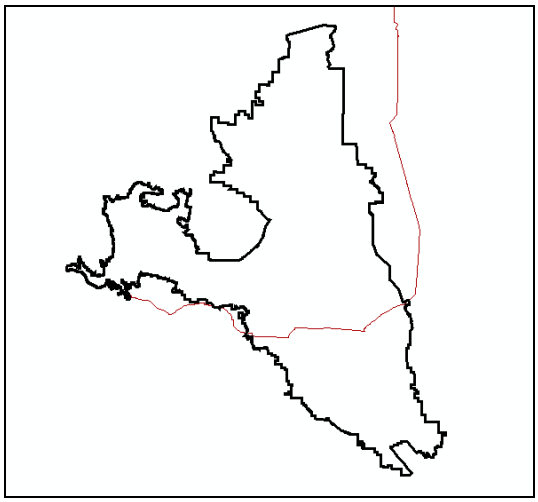
ABANDDATE
Data type: Date

COMMENTS
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

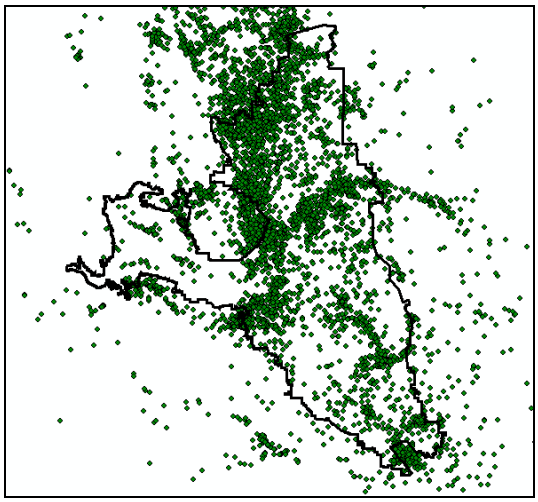
gas_pipeline_kinder_morgan_LS_9.shp



Geometry Type: Line
CORRUPT MXT

DRMS (Delta Risk Management Strategy)
DWR

substation_ca.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 1986

Abstract
The Substations layer contains points for all substations that are part of the California electric transmission system. Also included are substations at power plants.

Purpose
The Substations layer can be used with the Transmission Lines layer to assess distribution potential.

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

ID0
Data type: String
Definition:
Platts-assigned identification number

NAME
Data type: String
Definition:
Individual utility-defined substation name

VOLTAGE
Data type: Number
Definition:
Voltage Voltage of the largest transmission line connected to

CIRCUITS
Data type: Number
Definition:
Total number of transmission lines (circuits) that connect with a substation

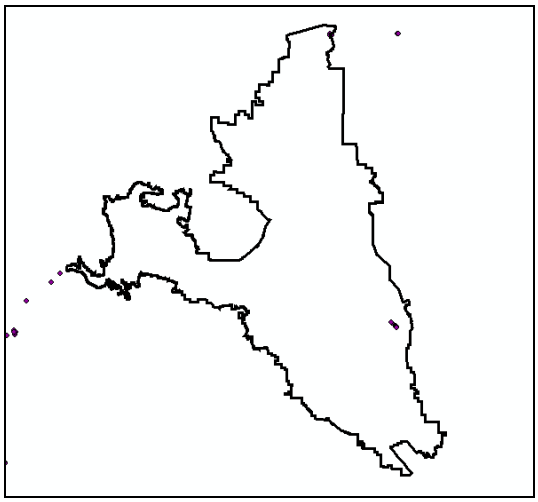
ID
Data type: Number
Definition:
Platts-assigned designation number used for linking with Excel or the Platts database products

---

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

tankfarms.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 91
Theme: Industrial Chemical Tank Farms
Place: California
Temporal: 1999

Abstract

Chemical tank farms in the state of California. These are large facilities which store sizable amounts of chemicals on site in tanks. This database seems to indicate what's in the tanks, explosion disaster potential, who owns it, etc. With respect to positional accuracy, I don't know how this layer was made, but the last two fields seem to be approximations (3 decimal points instead of 4) from the earlier x and y position fields, and it is possible these were the fields used to actually generate the spatial positions. As there is no metadata, that cannot be stated with any certainty.

Purpose

Identify high-risk chemical storage facilties, perhaps as part of emergency response.

Supplementary Information

Source is US Atlas. I acquired this dataset from Donna Glover (DWR Flood Management) 11/2000. Evaluated, converted from shapefile to coverage format, reprojected from Geographic/NAD83 into UTM Zone 10/NAD27, rebuilt topology, and cataloged into Delta GIS Dataset (using ArcINFO 8.0.2) by Joel Dudas, 5/2001.

Attributes:

FID	Internal feature number.	Shape
Data type: OID	Definition Source:	Alias: Shape
Definition:	ESRI	Data type: Geometry

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Definition:
Feature geometry.
Definition Source:
ESRI

AREA
Data type: Float
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

PERIMETER
Data type: Float
Definition:
Perimeter of feature in internal units.
Definition Source:
ESRI

FIPSSTATE
Data type: Number

QUALIFIER
Data type: Number

FIPSCOUNTY
Data type: String

COMPANYID
Data type: String

SYSTEMTYPE
Data type: String

RECORDTYPE
Data type: String

BLAST
Data type: String

YYMM
Data type: String

USERID
Data type: String

LATITUDE
Data type: String

LASTUPDATE
Alias: LASTUPDATE

LONGITUDE
Data type: String

ZIPCODE
Data type: String

NERC
Data type: String

STATEABBR
Data type: String

COUNTYNAME
Data type: String

FEMAREGION
Data type: String

COMPNAME
Data type: String

PLANTNAME
Data type: String

CITY
Data type: String

CONTACT
Data type: String

PHONE
Data type: String

CAPACITY
Data type: String

P_L_SUPPLY
Data type: String

COUNTER
Data type: String

XCOORD
Data type: Number

YCOORD
Data type: String

TANKFARMS_
Data type: Number

YCOORD
Data type: Float

TANKFARMS1
Data type: Float

PAD
Data type: Number

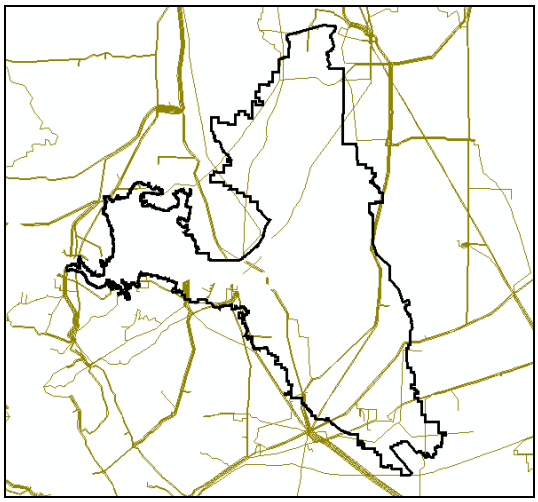
POLYGONID
Data type: Float

ANGLE
Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

transln_ca.shp



*Data Available for all of California
Geometry Type: Line
Number of records: 1758
Theme: Electricity, Transmission, Utility, Lines.
Abstract
Transmission_Lines
Contents: The Transmission_Lines map layer shows all transmission lines listed at 100kV and above. Also included are other lines of high market significance, including some lines down to 69kv (or lower).
Purpose
The Transmission_Lines layer may be used to visualize the interconnections between power plants and substations. This layer is also useful when used in combination with other POWERmap electric layers, including service territories.

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

COMPANY_ID
Data type: String
Definition:
Platts-assigned designation number

NAME
Data type: String
Definition:
Primary owner name

VOLTAGE
Data type: Number
Definition:
Rated voltage

CATEGORY
Data type: String
Definition:
Platts-assigned category for thematic mapping

CIRCUITS
Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Definition:
Number of circuits in the right-of-way

TYPE
Data type: String
Definition:
Type of line - Overhead (OH); Underground (UG);

PROPOSED
Data type: String
Definition:
Designated with a "Y" when a line segment is proposed

ABBREV
Data type: String
Definition:
Primary owner abbreviation

ABBREV0
Data type: String
Definition:
Secondary owner abbreviation

ABBREV1
Data type: String
Definition:
Tertiary owner abbreviation

ID0
Data type: Number
Definition:
Substation ID at one end of a transmission path

NAME0
Data type: String
Definition:
Substation name at one end of a transmission path

ID1
Data type: Number
Definition:
Substation ID at the other end of a transmission path

NAME1
Data type: String
Definition:
Substation name at the other end of a transmission path

BUS_ID
Data type: Number
Definition:
Platts-assigned designation number

TO_BUS_ID
Data type: Number
Definition:
Platts-assigned designation number

MILES
Data type: Number
Definition:
Length

LENGTH_KM
Data type: Number
Definition:
Length of line section in kilometers

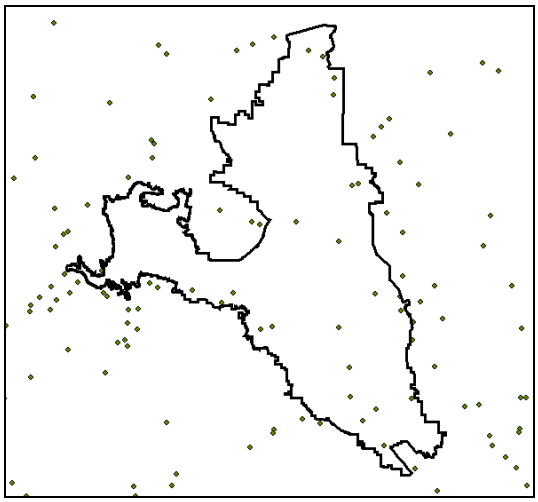
ID
Data type: Number
Definition:
Platts-assigned designation number used for linking with Excel or the Platts database products

LENGTH
Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

US_cell_towers.shp



*Data Available for all of United States
Geometry Type: Point
Number of records: 22403
Abstract
Cellular Tower locations supplied by FCC

Attributes:

FID	Field3	Data type: String
Alias: FID	Data type: String	Field13
Data type: OID	Field4	Data type: String
Definition:	Data type: String	Field14
Internal feature number.	Field5	Data type: String
Definition Source:	Data type: String	Field15
ESRI	Field6	Data type: String
Shape	Data type: String	Field16
Data type: Geometry	Field7	Data type: String
Definition:	Data type: String	Field17
Feature geometry.	Field8	Data type: String
Definition Source:	Data type: String	Field18
ESRI	Field9	Data type: String
ID	Data type: Number	Field19
Data type: Number	Field10	Data type: String
Field1	Data type: String	Field20
Data type: String	Field11	Data type: Number
Field2	Data type: String	Field21
Data type: Number	Field12	Data type: Number

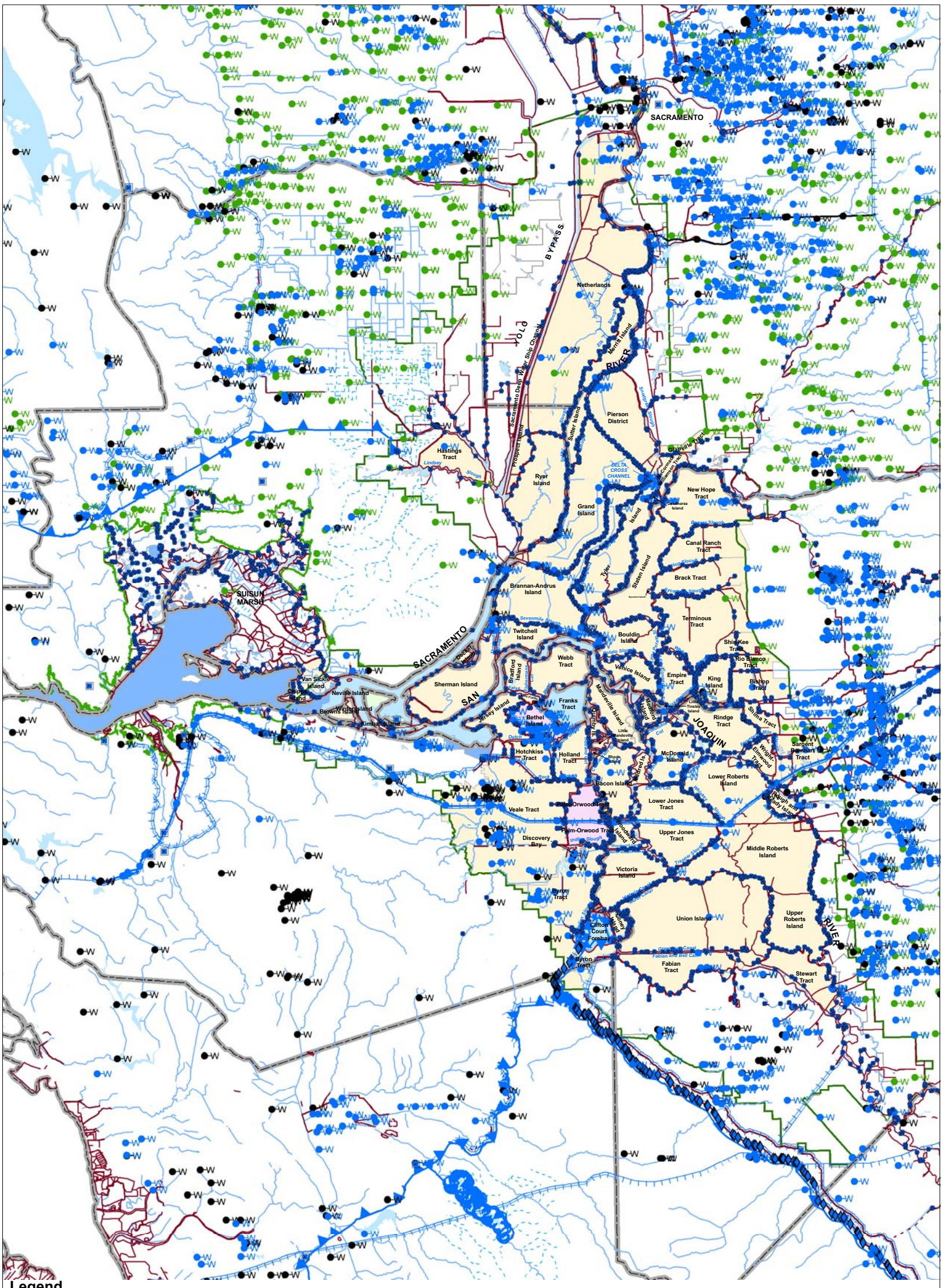
Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

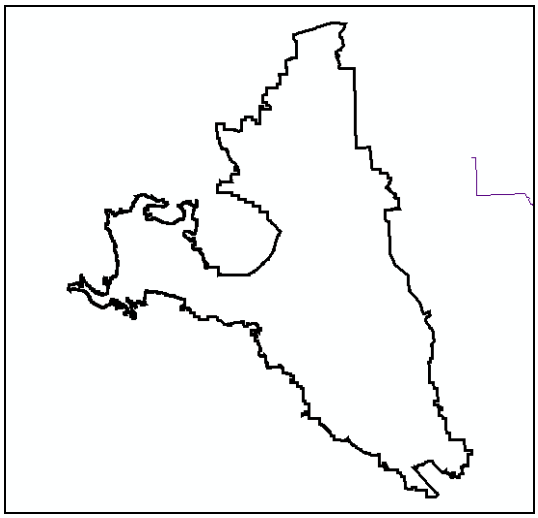
Field22
Data type: Float
Field23
Data type: String
Field24
Data type: Number
Field25
Data type: Number
Field26
Data type: Float
Field27
Data type: String
Field28
Data type: String
Field29
Data type: String
Field30
Data type: String
Field31
Data type: String
Field32
Data type: String
Field33
Data type: String
Field34
Data type: String
Field35
Data type: String
Field36
Data type: String
Field37
Data type: String
Field38
Data type: String
Field39
Data type: String
Field40
Data type: String
Field41
Data type: String
Field42
Data type: String
Field43
Data type: String
Field44
Data type: String
Field45
Data type: String
Field46
Data type: String
Field47
Data type: String
Field48
Data type: String
Field49
Data type: String
X
Data type: Float
Y
Data type: Float
temp1
Data type: Float
temp2
Data type: Float
temp1x
Data type: Float
temp2x

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh


SACRAMENTO
BYPASS
YOLO
RIVER
Netherlands
Merritt Island
Pierson District
Hastings Tract
Lindsey Slough
Prospect Island
Sutter Island
Ryer Island
DELTA CROSS CHANNEL
Grand Island
Glanville Tract
New Hope Tract
Canal Ranch Tract
Brack Tract
Staten Island
Tyler Island
Brannan-Andrus Island
SUISUN MARSH
SACRAMENTO
SAN
JOAQUIN
Twitchell Island
Bouldin Island
Terminous Tract
Shin Kee Tract
Rio Blanco Tract
Webb Tract
Vehicle Island
Empire Tract
King Island
Bishop Tract
Sherman Island
Van Sickle Island
Neville Island
Browns Island
Kimball Island
Jersey Island
Bethel Island
Franks Tract
Mandeville Island
Medford Island
Rindge Tract
Shima Tract
Sargent Pennhart Tract
Hotchkiss Tract
Holland Tract
McDonald Island
Wright-Elmwood Tract
Lower Roberts Island
Bacon Island
Palm-Orwood Tract
Lower Jones Tract
Veale Tract
Discovery Bay
Upper Jones Tract
Middle Roberts Island
Victoria Island
Byron Tract
Union Island
Upper Roberts Island
Clifton Court Forebay
Fabian Tract
Stewart Tract
Legend
Points of Diversion
Points Of Diversion - Agriculture
Public Water Supply
Wells - DHS
Wells - DHS Alt
Wells - Externanal DB
State Water Project Facilities
Delta Cross Channel Gate
State Water Project Waterways
Canals
Freeport Pipe Route Preferred
Mokelumne Aquaduct Pipe
Folsom South Canal Preferred Alignment
Levees
Bay, estuary, gulf, or sound
Intermittent canal, ditch, aqueduct, stream, river, or wash
Perennial canal, ditch, or aqueduct; stream, river; Reservoir
Delta Cross Channel
CA Counties
CA Water
Legal Delta v2002.4
Legal Delta v2002.4 and Suisun Marsh
0 5 10 Kilometers
N
URS
DRMS
26815431
PBS&J Data
Water
Figure
2
URS Corporation P:\GIS\GIS_Project_Files\MXD\Analysis\PBS&J_Data\Water.mxd Date: 7/13/2006 5:06:50 PM Name: cxbente0

DRMS (Delta Risk Management Strategy)
DWR

east_bay_mud.mdb (Geodatabase)/ folsom_south_canal_pipe_route_preferred



Geometry Type: Line
Number of records: 1
Theme: Folsom South Canal preferred alignment, EBMUD utilities
Place: EBMUD operational area, California
Temporal: 2004.07
Abstract
EBMUD's Folsom South Canal preferred route alignment.
Supplementary Information
Supplied by EBMUD (Steve Wollmer) to DWR Delta Levees (Joel Dudas), 7/2004.
Exported from Arc/INFO coverage to geodatabase feature class by J Dudas 7/29/2004.

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

PIPE_
Data type: Integer
Definition:
Internal node number for the beginning of an arc (from-node).
Definition Source:
ESRI

PIPE_ID
Data type: Integer
Definition:

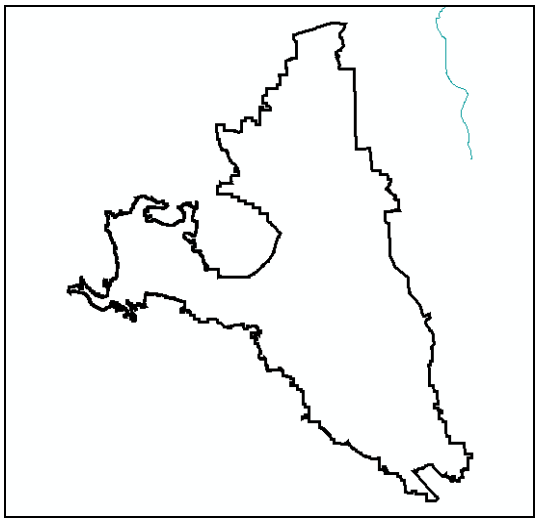
Internal node number for the end of an arc (to-node).
Definition Source:
ESRI

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

east_bay_mud.mdb (Geodatabase)/ folsom_south_canal_route_stations



Geometry Type: Line
Number of records: 1
Theme: Folsom South Canal, route
Place: EBMUD operational area, California
Temporal: 2004.07
Abstract
Folsom South Canal route.

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

STATIONS_
Data type: Integer
Definition:
Internal node number for the beginning of an arc (from-node).
Definition Source:
ESRI

STATIONS_ID
Data type: Integer
Definition:

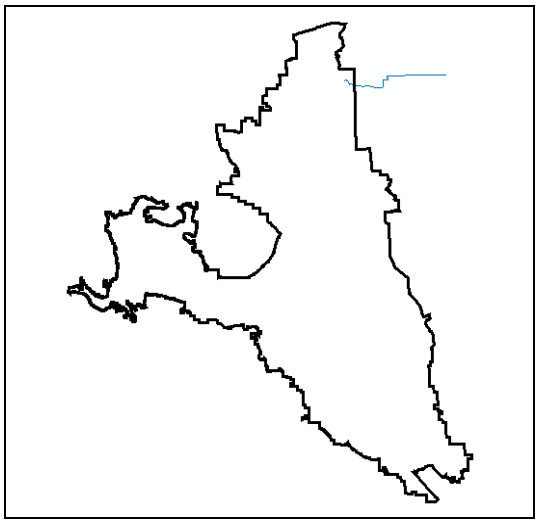
Internal node number for the end of an arc (to-node).
Definition Source:
ESRI

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

east_bay_mud.mdb (Geodatabase)/ freeport_pipe_route_preferred



Geometry Type: Line
Number of records: 1
Theme: pipe, preferred route, EBMUD
Place: EBMUD operational area, California, Freeport
Temporal: 2004.07
Abstract
Preferred route of the proposed EBMUD Freeport pipe.
Supplementary Information
Supplied by EBMUD (Steve Wollmer) to DWR Delta Levees (Joel Dudas), 7/2004.
Exported from Arc/INFO coverage to geodatabase feature class by J Dudas 7/29/2004

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

PIPE_LENGTH_
Data type: Integer
Definition:
Internal node number for the beginning of an arc (from-node).
Definition Source:
ESRI

PIPE_LENGTH_ID
Data type: Integer
Definition:

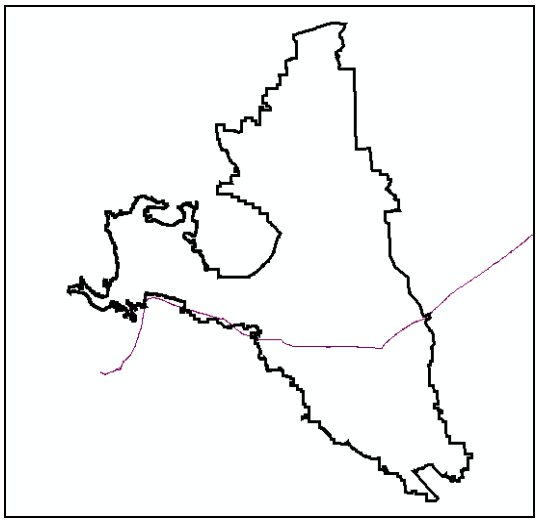
Internal node number for the end of an arc (to-node).
Definition Source:
ESRI

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

east_bay_mud.mdb (Geodatabase)/ mokelumne_aqueduct_pipe



Geometry Type: Line
Number of records: 52
Theme: Mokelumne Aqueduct, East Bay MUD infrastructure, pipes, aqueducts
Place: EBMUD operational area, California
Temporal: 2004.07
Abstract
East Bay MUD's Mokelumne Aqueduct. These are two pipes.
Supplementary Information
Supplied by EBMUD (Steve Wollmer) to DWR Delta Levees (Joel Dudas), 7/2004.
Exported from Arc/INFO coverage to geodatabase feature class by J Dudas 7/29/2004.

Attributes:

OBJECTID
Data type: OID
Definition: Internal feature number.
Definition Source: ESRI

Shape
Data type: Geometry
Definition: Feature geometry.
Definition Source: ESRI

FNODE_
Data type: Integer
Definition: Internal node number for the beginning of an arc (from-node).
Definition Source: ESRI

TNODE_
Data type: Integer
Definition: Internal node number for the end of an arc (to-node).
Definition Source: ESRI

LPOLY_
Data type: Integer
Definition: Length of feature in internal units.
Definition Source: ESRI

RPOLY_
Data type: Integer
Definition: Internal node number for the right polygon.
Definition Source: ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

LENGTH
Data type: Double
Definition: Length of feature in internal units.
Definition Source: ESRI

MOKEPIPE_
Data type: Integer
Definition: Internal feature number.
Definition Source: ESRI

MOKEPIPE_ID
Data type: Integer
Definition: User-defined feature number.
Definition Source: ESRI

IGDS_LAYER
Data type: String

IGDS_TYPE
Data type: SmallInteger

IGDS_LEVEL
Data type: SmallInteger

IGDS_GGNO
Data type: Integer

IGDS_CLASS
Data type: SmallInteger

IGDS_PROPS
Data type: String

IGDS_COLOR
Data type: SmallInteger

IGDS_STYLE
Data type: SmallInteger

IGDS_WEIGHT
Data type: SmallInteger

IGDS_TEXT
Data type: String

IGDS_FONT
Data type: Integer

IGDS_CPXID
Data type: Integer

IGDS_CPXTYPE
Data type: SmallInteger

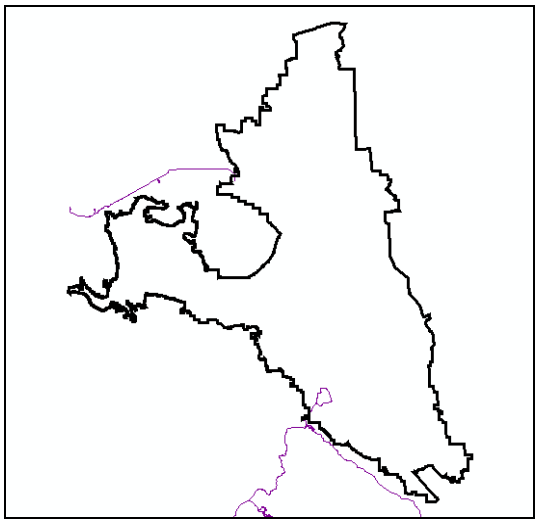
IGDS_OFFSET
Data type: Integer

Shape_Length
Data type: Double
Definition: Length of feature in internal units.
Definition Source: ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

state_water_project.mdb (Geodatabase)/ state_water_project_waterways



Geometry Type: Line
Number of records: 27
Theme: State Water Project waterways, California Aqueduct
Place: California
Temporal: 1999
Abstract
State Water Project waterways, including the California Aqueduct, throughout the extent of the operational area. Names of the hydrographic features are also included.
Purpose
O & M of SWP.
Supplementary Information
Source of this modified dataset is Harry Spanglet, DWR DES, who took the Starr version, composited the lines, and attributed them. The result is a simpler, more elegant, more useful dataset.
Joel Dudas (DWR D Levees) took Spanglet's dataset and converted from Teale Albers/NAD27 to Geographic/NAD83 using ArcGIS 8.3, double-precision, NADCON, then imported shapefile to geoDB feature class.
Source of origin dataset is DWR SWP Planning (Mary Serrato), originally from Robyn's Starr's work for SWP & O&M, submitted to DWR roughly around 1/1999. Evaluated, projection defined as Geographic/NAD83, imported from shapefile into "infrastructure" geodatabase feature dataset "state_water_project" as feature class "swp_facilities", and cataloged into DWR GIS Library (using ArcGIS 8.1) by Joel Dudas, 11/2001.

DRMS (Delta Risk Management Strategy)
DWR

Attributes:

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Name
Data type: String

type
Data type: String

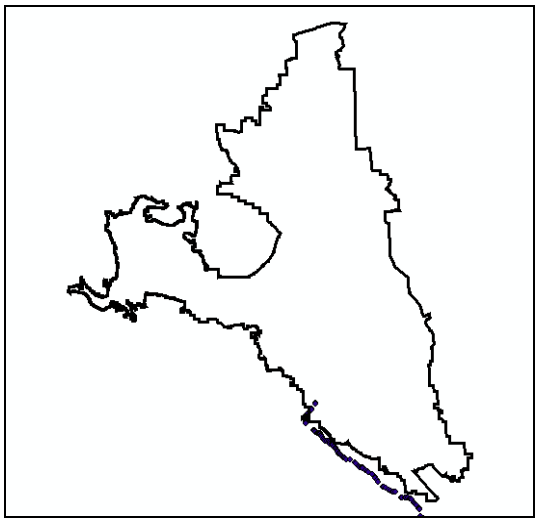
length
Data type: Double

Shape_Length
Data type: Double
Definition:
Length of feature in internal units.
Definition Source:
ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

state_water_project.mdb (Geodatabase)/ swp_facilities



Geometry Type: Point
Number of records: 2504
Theme: SWP Facilities
Place: California
Temporal: 1999
Abstract
State Water Project facility point locations throughout the extent of the operational area. This is a fairly specific and detailed database of any features that exist along the SWP.
Purpose
O & M of SWP.
Supplementary Information
Source is DWR SWP Planning (Mary Serrato), originally from Robyn's Starr's work for SWP & O&M, submitted to DWR roughly around 1/1999. Evaluated, projection defined as Geographic/NAD83, and cataloged into DWR GIS Library (using ArcGIS 8.1) by Joel Dudas, 11/2001.

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source: ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source: ESRI

BRANCH
Data type: String

MP
Data type: Single

LONGITUDE
Data type: String

LATITUDE
Data type: String

STRUCTURE
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

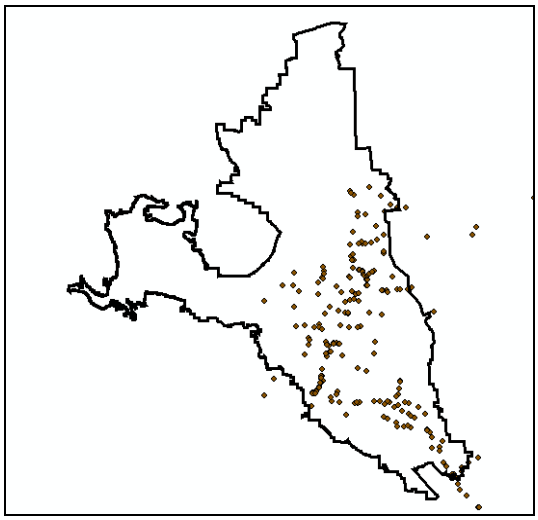
DWR

SIDE	VOLUME	NOTES
Data type: String	Data type: String	Data type: String
SIZE_	OWNER	
Data type: String	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

water_use_surface.mdb (Geodatabase)/ points_of_diversion



Geometry Type: Point
Number of records: 419
Theme: Point of Diversions
Place: California
Temporal: 1999

Abstract

Diversion points. Compiled from three separate shapefiles labeled "pod1-3.shp". There is a considerable attribute table behind these data, useful in water resources planning. Use in conjunction with water contractor database.

Purpose

Water resources planning.

Supplementary Information

These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

Source is DWR SWP Planning (Mary Serrato). Originally from Robyn Starr's work, done in conjunction with Jay Gardner, delivered to DWR on or about 1/1999. This feature dataset was compiled by loading three shapefiles labeled "pod1-3.shp" into the

DRMS (Delta Risk Management Strategy)
DWR
new geodatabase feature dataset "diversion_points...the originals were merged into the feature class "points_of_diversion". Projected defined as Geographic/NAD83 and cataloged into DWR GIS Library (using ArcGIS 8.1) by Joel Dudas, 11/2001.

Attributes:

OBJECTID_1
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI
AREA
Data type: Double
PERIMETER
Data type: Double
POD_
Data type: Integer
POD_ID
Data type: Integer
OBJECTID
Data type: Integer
POD33_
Data type: Double
POD33_ID
Data type: Double
ID
Data type: String
IDA
Data type: String
PRIORITY
Data type: Integer

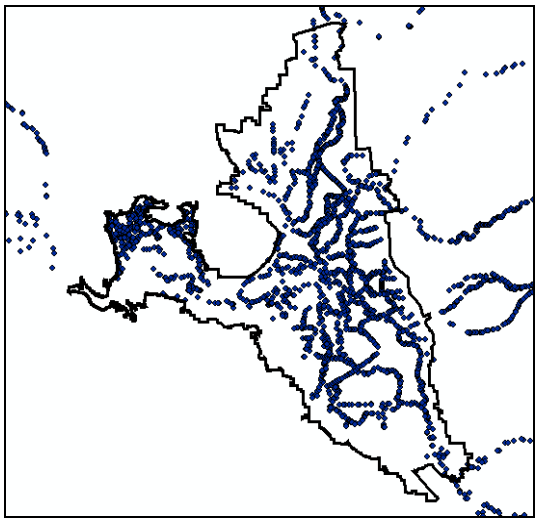
LAST_NAME_
Data type: String
SOURCE__NA
Data type: String
TRIBUTARY_
Data type: String
DIVERSION
Data type: Double
UNIT
Data type: String
ZAFY_
Data type: Integer
D_D_SEASON
Data type: String
STARTING
Data type: Integer
ENDING
Data type: Double
D_D_SEAS_1
Data type: String
STARTINGA
Data type: String
ENDINGA
Data type: String
SEASON
Data type: String
STARTINGAA
Data type: String
ENDINGAA
Data type: String
USE
Data type: String

ACRES
Data type: Integer
COUNTY
Data type: String
CONTRACTOR
Data type: String
DUTY
Data type: String
CODE
Data type: String
CODEA
Data type: String
TYPE_
Data type: String
QUAD_NAME
Data type: String
MAP_
Data type: String
ZONE_
Data type: String
NORTH
Data type: String
EAST
Data type: String
POLYGONID
Data type: Integer
SCALE
Data type: Double
ANGLE
Data type: Integer

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

water_use_surface.mdb (Geodatabase)/ points_of_diversion_ag



Geometry Type: Point
Number of records: 4525
Theme: Diversions, agriculture
Place: northern California
Temporal: 2000

Abstract

Diversions, for ag use, based on water rights.
Note from 8/2002 (J Dudas): There are many diversions in this database not in the other diversions databases, but this is the most recently obtained version I have. It also corresponded very well with an archival diversions set from the Commandatori set.

Purpose

Assess water use.

Supplementary Information

Published to DWR Spatial Data Library 2/21/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.
These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR
Source is Paul Raquel, California Dept. of Fish & Game. Obtained, evaluated, converted from ESRI shapefile into coverage format, reprojected from Teale Albers into UTM 10/NAD27, and cataloged into DWR GIS Data Library by Joel Dudas, 11/2001. Imported shapefile into geodatabase "surface_water_use" feature dataset "diversion_points", with conversion from Teale Albers/NAD27 to Geographic/NAD83, and cataloged into DWR GIS Library (using ArcGIS 8.1) by Joel Dudas, 11/2001.

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI
DIVER_ID
Data type: String
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI
STATUS
Data type: Integer
Definition:
Perimeter of feature in internal units.
Definition Source:
ESRI
OWNER_ID
Data type: Double
Definition:
Internal feature number.
Definition Source:
ESRI
WRIMS_ID
Data type: String

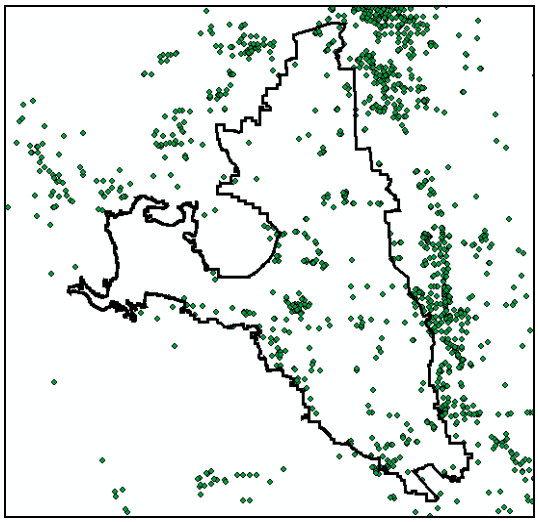
Definition:
User-defined feature number.
Definition Source:
ESRI
SDATE
Data type: String
NTIME
Data type: Double
DIVER_NAME
Data type: String
LATD
Data type: Double
LATM
Data type: Double
LATS
Data type: Double
LOND
Data type: Double
LONM
Data type: Double
LONS
Data type: Double
QUAD7_5
Data type: String
RIVER_SYS
Data type: String
RIVER_MILE
Data type: Double
DIVER_POS
Data type: String
BANK_LOC
Data type: String

DIVER_TYPE
Data type: String
NUM_PUMPS
Data type: Double
INTAKE_SIZ
Data type: Double
HPRATINGS
Data type: String
MAX_CAP
Data type: Double
BYPASS
Data type: String
FLOWMETER
Data type: String
PORTABLE
Data type: String
DISCHARG_T
Data type: String
SCREEN_TYP
Data type: String
SCREEN_MEM
Data type: String
PER_OPER
Data type: String
PRIM_USE
Data type: String
ENTR_MON
Data type: String
ENTRN_MEMO
Data type: String
COMMENTS
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

WellsExterraDB.mdb (Geodatabase)/ wells_dhs



Geometry Type: Point
Number of records: 11224
Theme: Wells, from DHS database
Place: California
Temporal: 2001
Abstract
Well points, from the DHS (Department of Health Services) database. Data files as of March, 2001. I presume this came from Rob Schwarz as part of the Bulletin 118 efforts, as it was in a folder named "tiger&sections_from_Rob".
The DHS wells are public water supply wells, monitored as mandated by DHS.
There *may* be location problems for some of these wells. This is under investigation.
This "dhs_wells" shapefile does not agree and has a different attribute table than the other "dhs_wells" shapefile...also currently under investigation.
There is extensive water quality data located for the well points in the database files located in this folder.
Purpose
Groundwater resources assessments.
Supplementary Information
Source is Bill Brewster (DWR Central District), obtained 10/2001. Evaluated & cataloged into Delta GIS Library by Joel Dudas, 10/2001.

Attributes:

OBJECTID	Definition:	Definition Source:
Data type: OID	Internal feature number.	ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

MAPKEY
Data type: String

N1
Data type: Double

Z103039_00
Data type: String

N3
Data type: Double

N4
Data type: Double

N5
Data type: Double

N6
Data type: Double

U
Data type: String

GWBASIN
Data type: String

TYPE
Data type: String

SUBBSN_
Data type: String

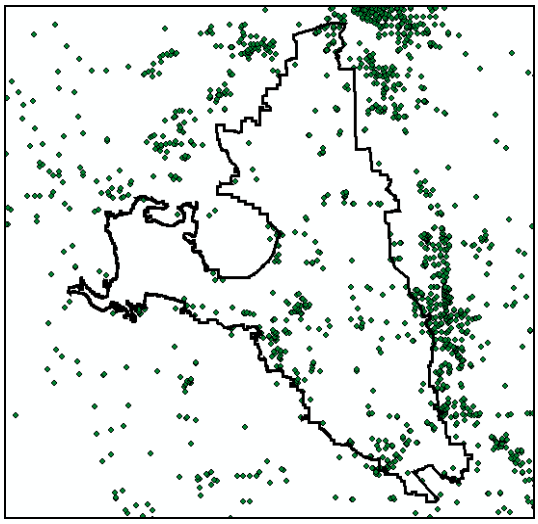
SUBNAME
Data type: String

BSN_SUB_
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

WellsExterraDB.mdb (Geodatabase)/ wells_dhs_alt



Geometry Type: Point
Number of records: 20833
Theme: Wells, from DHS database
Place: California
Temporal: 2001

Abstract

Well points, from the DHS (Department of Health Services) database. Data files as of April, 2001.
The DHS wells are public water supply wells, monitored as mandated by DHS.
There *may* be location problems for some of these wells. This is under investigation.
This "dhs_wells_alt" shapefile does not agree and has a different attribute table than the other "dhs_wells" shapefile...also currently under investigation.
There is extensive water quality data located for the well points in the database files located in this folder.

Purpose

Groundwater resources assessments.

Supplementary Information

Source is Bill Brewster (DWR Central District), obtained 10/2001. Evaluated & cataloged into Delta GIS Library by Joel Dudas, 10/2001.

Attributes:

OBJECTID	Internal feature number.	Shape
Data type: OID	Definition Source:	Data type: Geometry
Definition:	ESRI	Definition:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Feature geometry.
Definition Source:
ESRI
PRIM_STA_C
Data type: String
FRDS_NO
Data type: String
COUNTY
Data type: SmallInteger
DISTRICT
Data type: SmallInteger
USER_ID
Data type: String
SYSTEM_NO
Data type: String

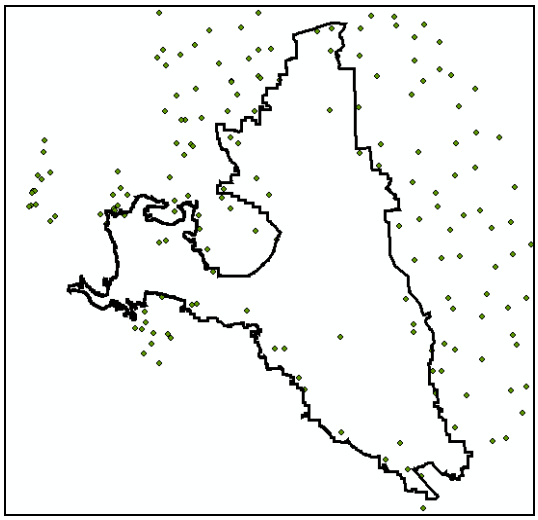
WATER_TYPE
Data type: String
SOURCE_NAM
Data type: String
STATION_TY
Data type: String
LATITUDE
Data type: Single
LONGITUDE
Data type: Double
LAT_DEC_DE
Data type: Double
LON_DEC_DE
Data type: Double
PRECISION_
Data type: SmallInteger

STATUS
Data type: String
COMMENT_1
Data type: SmallInteger
COMMENT_2
Data type: SmallInteger
COMMENT_3
Data type: SmallInteger
COMMENT_4
Data type: SmallInteger
COMMENT_5
Data type: SmallInteger
COMMENT_6
Data type: SmallInteger
COMMENT_7
Data type: SmallInteger

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

WellsExterraDB.mdb (Geodatabase)/ wells_sacvalley_Annotation



Geometry Type: Point
Number of records: 401
Theme: Wells
Place: Sacramento Valley
Temporal: 1994
Abstract
Well locations in the Sacramento Valley. NOT: THIS IS NOT COMPREHENSIVE! Although it was an undocumented file on an unlabeled Bernoulli disk, it was in a folder labeled "DeltaAtlas", leading me to believe this is the file used to generate that map. The file was originally dated 2/1994, so it needs revision.
Purpose Groundwater analysis, water use.
Supplementary Information
Source is the Landingham Bernoulli Tomb. Evaluated and cataloged into the Delta GIS Library by Joel Dudas, 9/2001.

Attributes:

Shape
Data type: Geometry
Definition: Feature geometry.
Definition Source: ESRI

Entity
Data type: String

Handle
Data type: String

Layer
Data type: String

Color
Data type: Integer

Elevation
Data type: Double

Thickness
Data type: Double

OBJECTID
Data type: OID
Definition: Internal feature number.
Definition Source: ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

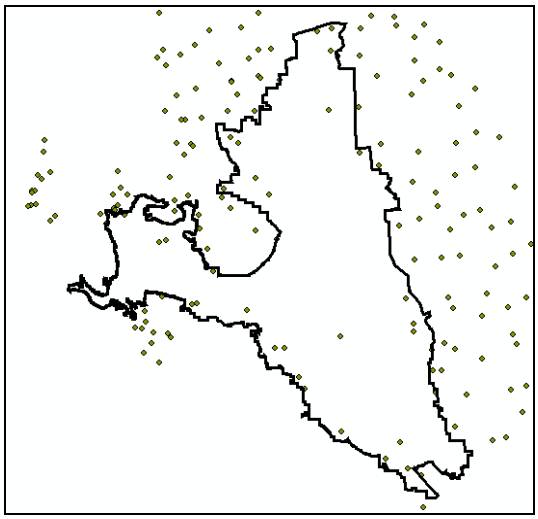
DWR

Style	Text_	Angle
Data type: String	Data type: String	Data type: Double
FontId	Height	
Data type: Integer	Data type: Double	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

WellsExterraDB.mdb (Geodatabase)/ wells_sacvalley_Point



Geometry Type: Point
Number of records: 401
Theme: Wells
Place: Sacramento Valley
Temporal: 1994
Abstract
Well locations in the Sacramento Valley. NOT: THIS IS NOT COMPREHENSIVE! Although it was an undocumented file on an unlabeled Bernoulli disk, it was in a folder labeled "DeltaAtlas", leading me to believe this is the file used to generate that map. The file was originally dated 2/1994, so it needs revision.
Purpose
Groundwater analysis, water use.
Supplementary Information
Source is the Landingham Bernoulli Tomb. Evaluated and cataloged into the Delta GIS Library by Joel Dudas, 9/2001.

Attributes:

Shape	Handle	Linetype
Data type: Geometry	Data type: String	Data type: String
Definition:	Layer	Elevation
Feature geometry.	Data type: String	Data type: Double
Definition Source:	Color	Thickness
ESRI	Data type: Integer	Data type: Double

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

OBJECTID	Definition Source: ESRI	Text_
Data type: OID	Entity	Data type: String
Definition:	Data type: String	
Internal feature number.		

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

WellsExterraDB.mdb (Geodatabase)/ wells_sacvalley_Polygon

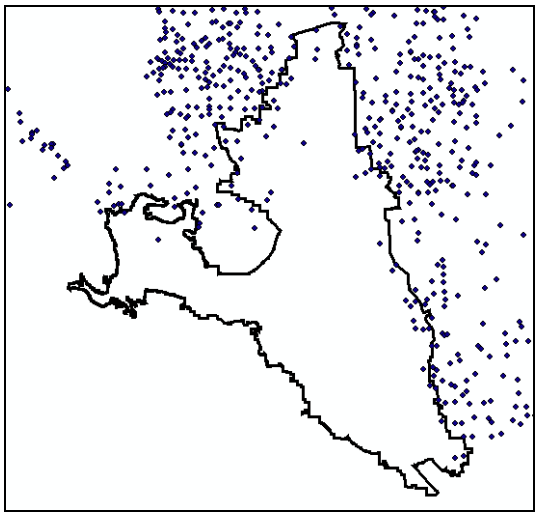
(No Data)

WellsExterraDB.mdb (Geodatabase)/ wells_sacvalley_Polyline

(No Data)

DRMS (Delta Risk Management Strategy)
DWR

WellsExterraDB.mdb (Geodatabase)/ wells_exterra



Geometry Type: Point
Number of records: 1093
Theme: Wells, Exterra
Place: Central District
Temporal: 2000
Abstract
Groundwater wells from the exterra database.
Mapped from location descriptions given for monitoring wells, where wellpoints were placed on quad maps and then digitized as point locations. Some were GPSed. Eric Senter originally generated this work for water levels DWR, or other cooperating agencies, monitors.
Xterra does not include any detailed information about well construction, specs, or whether it is domestic or ag use.
Purpose
Groundwater resources assessments.
Supplementary Information
Source is Bill Brewster (DWR Central District), obtained 9/2001. Evaluated & cataloged into Delta GIS Library by Joel Dudas, 10/2001.

Attributes:

OBJECTID	Definition Source:	Definition:
Data type: OID	ESRI	Feature geometry.
Definition:	Shape	Definition Source:
Internal feature number.	Data type: Geometry	ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

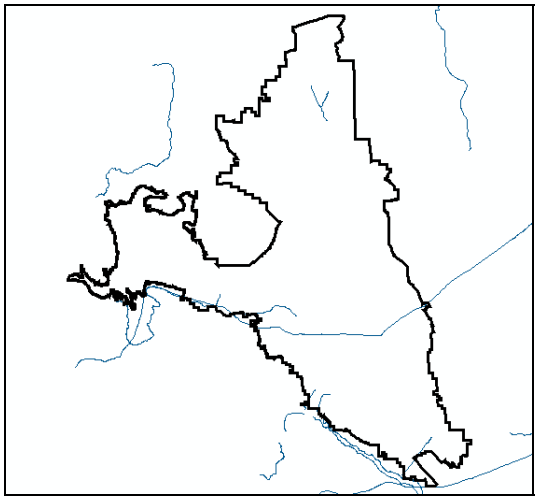
DWR

SWN	DBRP	DWR_
Data type: String	Data type: Double	Data type: String
COUNTYCODE	GSELEV	GWBASIN
Data type: String	Data type: Double	Data type: String
UTMEAST	QMCODE	TYPE
Data type: Double	Data type: String	Data type: String
UTMNORTH	NMCODE	SUBBSN_
Data type: Double	Data type: String	Data type: String
MEASDATE	AGENCY	SUBNAME
Data type: String	Data type: Double	Data type: String
MEASFREQ	BASIN_	Label
Data type: String	Data type: Double	Data type: String
RPELEV	BASIN_ID	
Data type: Double	Data type: Double	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

Canals.shp



*Data Available for all of California
Geometry Type: Line
Number of records: 324
Theme: Hydrology, Canal
Place: California, Central Valley
Temporal: December 2002
Abstract
Canal system center lines in the Central Valley of California and adjacent areas captured from 1:24,000-scale USGS topographic maps. San Luis Canal information added 02/2002
Purpose
This database is used for display and analysis purposes. It is not intended to be used as a land survey or representation of land for conveyance or tax purposes. The database is available to all users that may require this information.

Attributes:

FED
Data type: Integer
Definition:
Federal Responsibilities Exist
Definition Source:
0 - none, 1 - responsibility

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

LENGTH
Data type: Number
Definition:
Length of feature in internal units.
Definition Source:
ESRI

CANAL
Data type: Number
Definition:
Canal name
Definition Source:
Map

STATE
Data type: Number
Definition:
State responsibility
Definition Source:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

0 - none, 1 - responsibility

FNODE_
Data type: Number

TNODE_
Data type: Float

LPOLY_
Data type: Number

RPOLY_
Data type: Number

Shape
Data type: String
Definition:
Feature geometry.
Definition Source:
ESRI

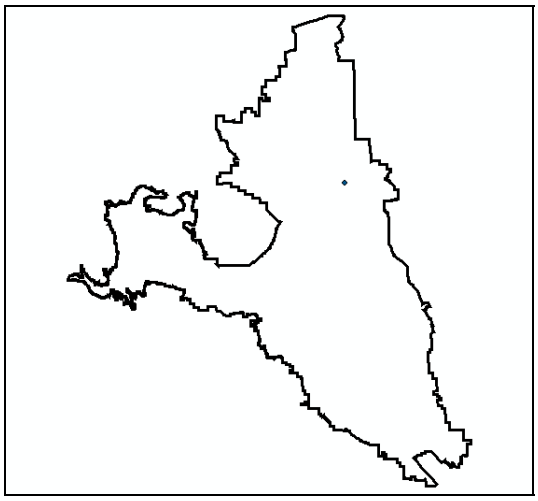
CANALS_
Data type: Number

CANALS_ID
Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

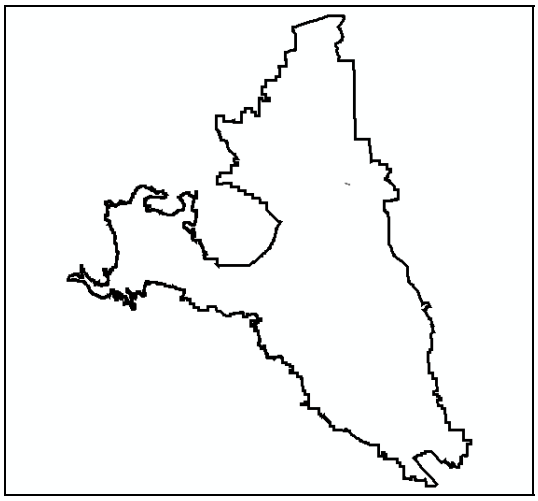
delta_cross_channel.shp



Geometry Type: Polygon
CORRUPT MXT

DRMS (Delta Risk Management Strategy)
DWR

delta_cross_channel_gate.shp



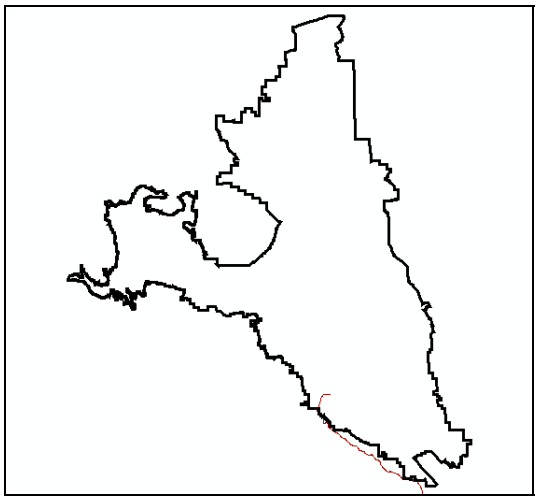
Geometry Type: Point
Number of records: 1
Abstract
Hydrography, clipped for the general Bay-Delta from statewide hydrography datasets, then carefully revised to include all known waterways in the Delta, by DWR Delta Levees in 11/2005 (Joel Dudas).

Attributes:

FID	ESRI	Definition Source:
Data type: OID	Shape	ESRI
Definition:	Data type: Geometry	Id
Internal feature number.	Definition:	Data type: Number
Definition Source:	Feature geometry.	

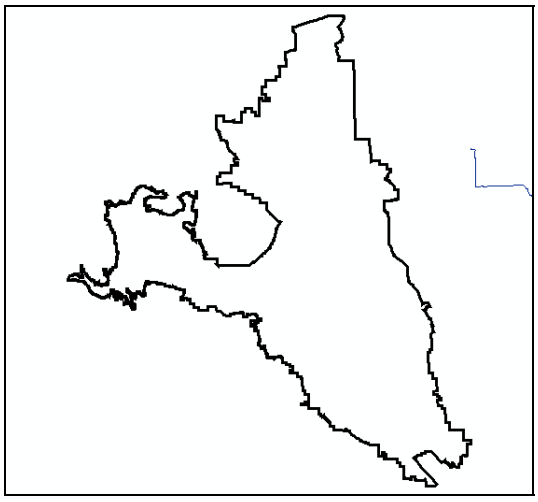
DRMS (Delta Risk Management Strategy)
DWR

delta_mendota_canal.shp



Geometry Type: Line
CORRUPT MXT

FolsomSouthCanalPreferredAlignment.shp

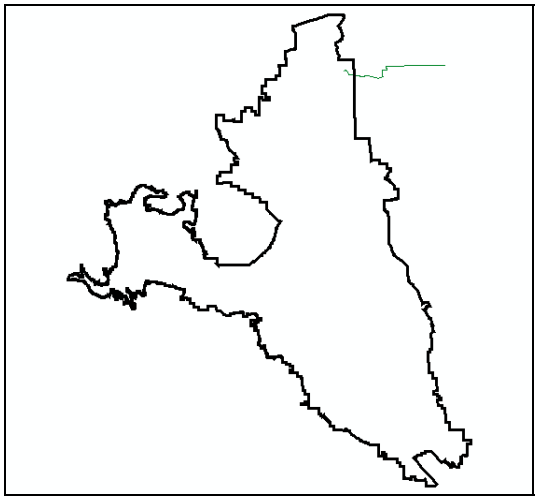


Geometry Type: Line
CORRUPT MXT

FreeportPipeRoutePreferred.shp

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR



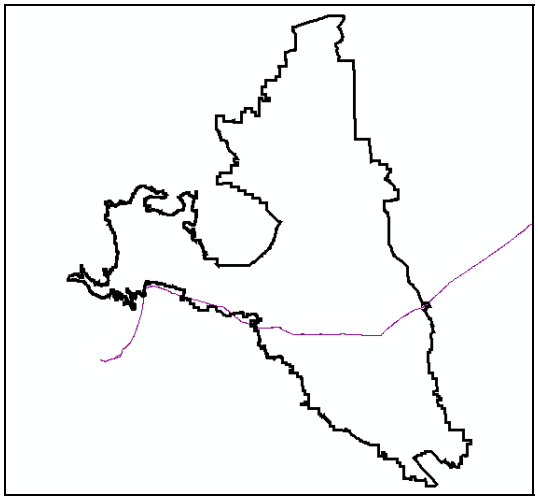
Geometry Type: Line
Number of records: 1
Theme: pipe, preferred route, EBMUD
Place: EBMUD operational area, California, Freeport
Temporal: 2004.07
Abstract
Preferred route of the proposed EBMUD Freeport pipe.
Supplementary Information
Supplied by EBMUD (Steve Wollmer) to DWR Delta Levees (Joel Dudas), 7/2004.
Exported from Arc/INFO coverage to geodatabase feature class by J Dudas 7/29/2004.

Attributes:

OBJECTID	Definition:	Definition Source:
Data type: OID	Feature geometry.	ESRI
Definition:	Definition Source:	PIPE_LENGT
Internal feature number.	ESRI	Data type: Number
Definition Source:	FID	PIPE_LEN_1
ESRI	Data type: Number	Data type: Number
Shape	Definition:	Shape_Leng
Data type: Geometry	Internal feature number.	Data type: Float

DRMS (Delta Risk Management Strategy)
DWR

MokelumneAqueductPipe.shp



Geometry Type: Line
Number of records: 52
Theme: Mokelumne Aqueduct, East Bay MUD infrastructure, pipes, aqueducts
Place: EBMUD operational area, California
Temporal: 2004.07
Abstract
East Bay MUD's Mokelumne Aqueduct. These are two pipes.
Supplementary Information
Supplied by EBMUD (Steve Wollmer) to DWR Delta Levees (Joel Dudas), 7/2004.
Exported from Arc/INFO coverage to geodatabase feature class by J Dudas 7/29/2004.

Attributes:

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source: ESRI

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source: ESRI

FNODE_
Data type: Number
Definition: Internal node number for the beginning of an arc (from-node).
Definition Source: ESRI

TNODE_
Data type: Number
Definition:
Internal node number for the end of an arc (to-node).
Definition Source: ESRI

IGDS_TEXT
Data type: Number

LPOLY_
Data type: Number

Definition:
Length of feature in internal units.
Definition Source: ESRI

RPOLY_
Data type: Number
Definition:
Internal node number for the right polygon.
Definition Source: ESRI

LENGTH
Data type: Float
Definition:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Length of feature in internal units.
Definition Source: ESRI

MOKEPIPE_
Data type: Number
Definition:
Internal feature number.
Definition Source: ESRI

IGDS_LAYER
Data type: Number

IGDS_TYPE
Data type: String

IGDS_LEVEL
Data type: Number

IGDS_GGNO
Data type: Number

IGDS_FONT
Data type: Number

IGDS_CLASS
Data type: Number

IGDS_PROPS
Alias: IGDS_PROPS
Data type: String

IGDS_STYLE
Data type: Number

IGDS_CPXID
Data type: Number

FID
Data type: Number
Definition:
Internal feature number.
Definition Source:

ESRI

IGDS_COLOR
Data type: String

MOKEPIPE_I
Data type: Number

IGDS_WEIGH
Data type: Number

IGDS_CPXTY
Data type: Number

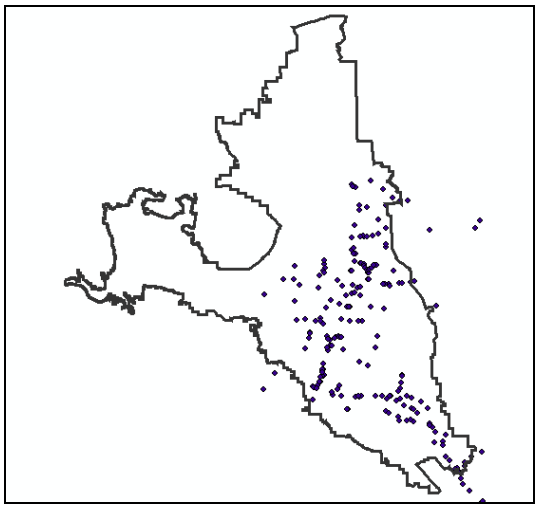
IGDS_OFFSE
Data type: Number

Shape_Leng
Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

PointsOfDiversion.shp



Geometry Type: Point
Number of records: 419
Theme: Point of Diversions
Place: California
Temporal: 1999
Abstract
Diversion points. Compiled from three separate shapefiles labeled "pod1-3.shp". There is a considerable attribute table behind these data, useful in water resources planning. Use in conjunction with water contractor database.
Purpose
Water resources planning.
Supplementary Information
These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.
Source is DWR SWP Planning (Mary Serrato). Originally from Robyn Starr's work, done in conjunction with Jay Gardner, delivered to DWR on or about 1/1999. This feature dataset was compiled by loading three shapefiles labeled "pod1-3.shp" into the new geodatabase feature dataset "diversion_points...the originals were merged into the

DRMS (Delta Risk Management Strategy)
DWR
feature class "points_of_diversion". Projected defined as Geographic/NAD83 and cataloged into DWR GIS Library (using ArcGIS 8.1) by Joel Dudas, 11/2001.

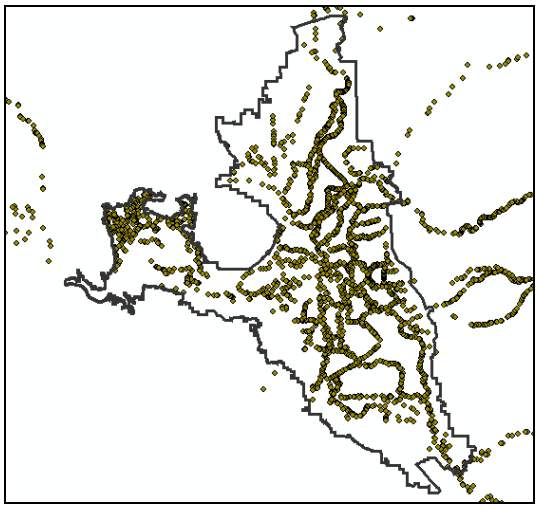
Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
OBJECTID_1
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI
Shape
Data type: Number
Definition:
Feature geometry.
Definition Source:
ESRI
AREA
Data type: Float
PERIMETER
Data type: Float
POD_
Data type: Number
POD_ID
Data type: Number
OBJECTID
Data type: Number
POD33_
Data type: Float
POD33_ID
Data type: Float
ID
Data type: String
IDA
Data type: String
PRIORITY
Data type: Number
LAST_NAME_
Data type: String
SOURCE__NA
Data type: String
TRIBUTARY_
Data type: String
DIVERSION
Data type: Float
UNIT
Data type: String
ZAFY_
Data type: Number
D_D_SEASON
Data type: String
STARTING
Data type: Number
ENDING
Data type: Float
D_D_SEAS_1
Data type: String
STARTINGA
Data type: String
ENDINGA
Data type: String
SEASON
Data type: String
STARTINGAA
Data type: String
ENDINGAA
Data type: String
USE
Data type: String
ACRES
Data type: Number
COUNTY
Data type: String
CONTRACTOR
Data type: String
DUTY
Data type: String
CODE
Data type: String
CODEA
Data type: String
TYPE_
Data type: String
QUAD_NAME
Data type: String
MAP_
Data type: String
ZONE_
Data type: String
NORTH
Data type: String
EAST
Data type: String
POLYGONID
Data type: Number
SCALE
Data type: Float
ANGLE
Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

pointsofdiversion_merge.shp



Geometry Type: Point
Number of records: 4944

Attributes:

FID	POD33_	D_D_SEASON
Data type: OID	Data type: Float	Data type: String
Definition:	POD33_ID	STARTING
Internal feature number.	Data type: Float	Data type: Number
Definition Source:	ID	ENDING
ESRI	Data type: String	Data type: Float
Shape	IDA	D_D_SEAS_1
Data type: Geometry	Data type: String	Data type: String
Definition:	PRIORITY	STARTINGA
Feature geometry.	Data type: Number	Data type: String
Definition Source:	LAST_NAME_	ENDINGA
ESRI	Data type: String	Data type: String
AREA	SOURCE__NA	SEASON
Data type: Float	Data type: String	Data type: String
PERIMETER	TRIBUTARY_	STARTINGAA
Data type: Float	Data type: String	Data type: String
POD_	DIVERSION	ENDINGAA
Data type: Number	Data type: Float	Data type: String
POD_ID	UNIT	USE
Data type: Number	Data type: String	Data type: String
OBJECTID	ZAFY_	ACRES_
Data type: Number	Data type: Number	Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

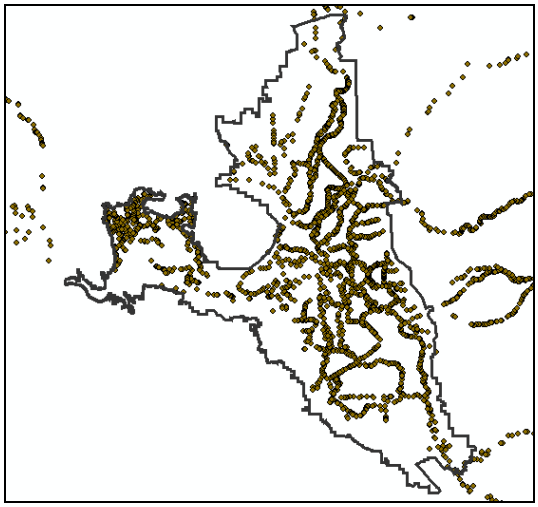
COUNTY	OWNER_ID	DIVER_TYPE
Data type: String	Data type: Float	Data type: String
CONTRACTOR	WRIMS_ID	NUM_PUMPS
Data type: String	Data type: String	Data type: Float
DUTY	SDATE	INTAKE_SIZ
Data type: String	Data type: String	Data type: Float
CODE	NTIME	HPRATINGS
Data type: String	Data type: Float	Data type: String
CODEA	DIVER_NAME	MAX_CAP
Data type: String	Data type: String	Data type: Float
TYPE_	LATD	BYPASS
Data type: String	Data type: Float	Data type: String
QUAD_NAME	LATM	FLOWMETER
Data type: String	Data type: Float	Data type: String
MAP_	LATS	PORTABLE
Data type: String	Data type: Float	Data type: String
ZONE_	LOND	DISCHARG_T
Data type: String	Data type: Float	Data type: String
NORTH	LONM	SCREEN_TYP
Data type: String	Data type: Float	Data type: String
EAST	LONS	SCREEN_MEM
Data type: String	Data type: Float	Data type: String
POLYGONID	QUAD7_5	PER_OPER
Data type: Number	Data type: String	Data type: String
SCALE	RIVER_SYS	PRIM_USE
Data type: Float	Data type: String	Data type: String
ANGLE	RIVER_MILE	ENTR_MON
Data type: Number	Data type: Float	Data type: String
DIVER_ID	DIVER_POS	ENTRN_MEMO
Data type: String	Data type: String	Data type: String
STATUS	BANK_LOC	COMMENTS
Data type: Number	Data type: String	Data type: String

PointsOfDiversionAgriculture.shp

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR



Geometry Type: Point
Number of records: 4525
Theme: Diversions, agriculture
Place: northern California
Temporal: 2000

Abstract

Diversions, for ag use, based on water rights.
Note from 8/2002 (J Dudas): There are many diversions in this database not in the other diversions databases, but this is the most recently obtained version I have. It also corresponded very well with an archival diversions set from the Commandatori set.

Purpose

Assess water use.

Supplementary Information

Published to DWR Spatial Data Library 2/21/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.
These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.
Source is Paul Raquel, California Dept. of Fish & Game. Obtained, evaluated, converted from ESRI shapefile into coverage format, reprojected from Teale Albers into UTM 10/NAD27, and cataloged into DWR GIS Data Library by Joel Dudas, 11/2001.

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR
Imported shapefile into geodatabase "surface_water_use" feature dataset "diversion_points", with conversion from Teale Albers/NAD27 to Geographic/NAD83, and cataloged into DWR GIS Library (using ArcGIS 8.1) by Joel Dudas, 11/2001.

Attributes:

PRIM_USE
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

OBJECTID
Data type: OID
Definition:
Internal feature number.
Definition Source:
ESRI

Shape
Data type: Number
Definition:
Feature geometry.
Definition Source:
ESRI

DIVER_ID
Data type: String
Definition:
Area of feature in internal units squared.
Definition Source:
ESRI

STATUS
Data type: Number
Definition:
Perimeter of feature in internal units.
Definition Source:
ESRI

OWNER_ID
Data type: Float
Definition:
Internal feature number.
Definition Source:
ESRI

WRIMS_ID
Data type: String
Definition:
User-defined feature number.
Definition Source:
ESRI

SDATE
Data type: String

NTIME
Data type: Float

DIVER_NAME
Data type: String

LATD
Data type: Float

LATM
Data type: Float

LATS
Data type: Float

LOND
Data type: Float

LONM
Data type: Float

LONS
Data type: Float

QUAD7_5
Data type: String

RIVER_SYS
Data type: String

RIVER_MILE
Data type: Float

DIVER_POS
Data type: String

BANK_LOC
Data type: String

DIVER_TYPE
Data type: String

NUM_PUMPS
Data type: Float

INTAKE_SIZ
Data type: Float

HPRATINGS
Data type: String

MAX_CAP
Data type: Float

BYPASS
Data type: String

FLOWMETER
Data type: String

PORTABLE
Data type: String

DISCHARG_T
Data type: String

SCREEN_TYP
Data type: String

SCREEN_MEM
Data type: String

PER_OPER
Data type: String

PRIM_USE
Data type: String

ENTR_MON
Data type: String

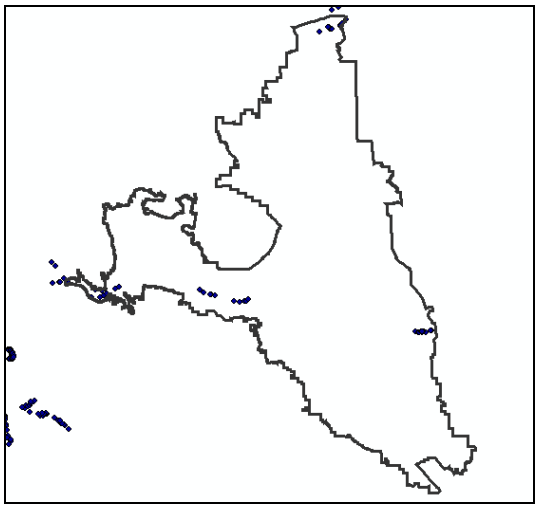
ENTRN_MEMO
Data type: String

COMMENTS
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

port.shp



Geometry Type: Point
Number of records: 9233
Theme: Point, transportation, port
Place: United States, US Territories
Stratum: ground
Temporal: 2002

Abstract

The US Army Corps of Engineers (USACE) Ports database is an extract from the National Waterway Network database consisting of 224 points coded as US Army Corps of Engineers ports.

Purpose

The Ports database is a geographic database of the US Army Corps of Engineers Ports in and around the United States, for analytical studies of waterway performance, for compiling commodity flow statistics, and for mapping purposes.

Attributes:

FID	Definition Source:	Definition:
Data type: OID	ESRI	Loaction of wharf on
Definition:	NAME	wharf waterway or in
Internal feature number.	Data type: String	port
Definition Source:	Definition:	Definition Source:
ESRI	Wharf Name	USACE
Shape	Definition Source:	ADDRESS
Data type: Geometry	BTS	Data type: String
Definition:	LOCATION	Definition:
Feature geometry.	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Street Address for wharf location
Definition Source:
USACE

COUNTY
Data type: String
Definition:
County in which wharf is located
Definition Source:
USACE

TOWN
Data type: String
Definition:
Town in which wharf is located
Definition Source:
USACE

STATE
Data type: String
Definition:
State in which wharf is located
Definition Source:
USACE

WTRWY
Data type: String
Definition:
Waterway on which wharf is located
Definition Source:
USACE

PORT
Data type: String
Definition:
Port in which the wharf is located
Definition Source:
USACE

MILE
Data type: String
Definition:
Waterway mile of wharf location above or below a datum point
Definition Source:
USACE

BANK
Data type: String
Definition:
Bank of river for wharf location (Left or Right)
Definition Source:
USACE

LATITUDE
Data type: Number
Number of decimals: 6
Definition:
Latitude of wharf in decimals degress
Definition Source:
USACE

LONGITUDE
Data type: Number
Number of decimals: 6
Definition:
Longitude of wharf in decimals degress
Definition Source:
USACE

OP1
Data type: String
Definition:
Operator of Wharf
Definition Source:
USACE

OWNER
Data type: String
Definition:
Owner of wharf
Definition Source:
USACE

PURPOSE
Data type: String
Definition:
Purpose for which wharf is used, including commodities handled and/or services performed
Definition Source:
USACE

RWYCONN
Data type: String
Definition:
Railway connections servicing wharf
Definition Source:
USACE

PORTSER
Data type: String
Definition:
Port Series Report Number (One of 57, Hard Copy)
Definition Source:
USACE

SEQ_NO
Data type: String
Definition:
Unique number that is generated with in each port series number
Definition Source:
USACE

LOC_CD
Data type: String
Definition:
Location code generated by waterborne commerce statistics center (WCSC)
Definition Source:
USACE

PWDNO
Data type: String
Definition:
Pier, wharf or dock record sequence number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

from current edition of port series report
Definition Source: USACE

OLDPWD
Data type: String
Definition:
Pier, wharf or dock record sequence number from previous edition of Port Series Report
Definition Source: USACE

DOCKCD
Data type: String
Definition:
Location code designating where a dock is located generated by WCSC
Definition Source: USACE

NDCCODE
Data type: String
Definition:
Internal code generated by the navigation data center for data integration and system interoperability
Definition Source: USACE

COMMCD1
Data type: String
Definition:
Commodity code for first commodity handled at the wharf
Definition Source: USACE

COMMCD2
Data type: String
Definition:
Commodity code for the second commodity handled at wharf
Definition Source: USACE

COMMCD3
Data type: String
Definition:
Commodity code for the third commodity handled at wharf

COMMCD4
Data type: String
Definition:
Commodity code for the fourth commodity handled at wharf
Definition Source: USACE

REMARK1
Data type: String
Definition:
Remarks, including description of wharf - related storage facilities and their operators

REMARK2
Data type: String
Definition:
Remarks, including description of wharf - related storage facilities and their operators

REMARK3
Data type: String
Definition:
Remarks, including description of wharf - related storage facilities and their operators

REMARK4
Data type: String
Definition:
Remarks, including description of wharf - related storage facilities and their operators

REMARK5
Data type: String
Definition:
Remarks, including description of wharf - related storage facilities and their operators

DATUM
Data type: String
Definition:
Depth/Height Datum Used
Definition Source: USACE

DEPTH1
Data type: String
Definition:
Depth along side wharf's first operational element being described
Definition Source: USACE

DEPTH1A
Data type: String
Definition:
SECOND DEPTH ALONGSIDE WHARF'S FIRST OPERATIONAL ELEMENT BEING DESCRIBED
Definition Source: USACE

DEPTH2
Data type: String
Definition:
DEPTH ALONGSIDE WHARF'S SECOND OPERATIONAL

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

ELEMENT BEING DESCRIBED
Definition Source: USACE
DEPTH2A
Data type: String
Definition: SECOND DEPTH ALONGSIDE WHARF'S SECOND OPERATIONAL ELEMENT BEING DESCRIBED
Definition Source: USACE
DEPTH3
Data type: String
Definition: DEPTH ALONGSIDE WHARF'S THIRD OPERATIONAL ELEMENT BEING DESCRIBED
Definition Source: USACE
DEPTH3A
Data type: String
Definition: SECOND DEPTH ALONGSIDE WHARF'S THIRD OPERATIONAL

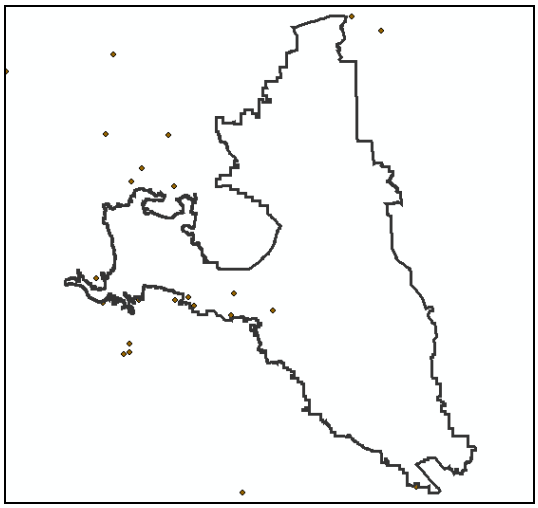
ELEMENT BEING DESCRIBED
Definition Source: USACE
TBIRTH1
Data type: String
Definition: BERTHING DISTANCE OF WHARF'S FIRST OPERATIONAL ELEMENT BEING DESCRIBED
Definition Source: USACE
TBIRTH2
Data type: String
Definition: BERTHING DISTANCE OF WHARF'S SECOND OPERATIONAL ELEMENT BEING DESCRIBED
Definition Source: USACE
TBIRTH3
Data type: String
Definition: BERTHING DISTANCE OF WHARF'S THIRD

OPERATIONAL ELEMENT BEING DESCRIBED
Definition Source: USACE
YEAR
Data type: String
Definition: YEAR OF LAST SURVEY
Definition Source: USACE
FAX
Data type: String
Definition: FAX TELEPHONE NUMBER OF FACILITY OPERATOR OR CONTACT PERSON
Definition Source: USACE
MAPNO
Data type: String
Definition: PORT SERIES REPORT MAP NO.
Definition Source: USACE
PHONE
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

pubwatersuply_point.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 619
Theme: Public Water Supply Plants
Place: California
Temporal: 1999
Abstract
Point locations of public water supply treatment plants in California.
Purpose
Locate which water supply points are within an area/region.
Supplementary Information
Source is US Atlas. I acquired this dataset from Donna Glover (DWR Flood Management) 11/2000. Evaluated, converted from shapefile to coverage format, reprojected from Geographic/NAD83 into UTM Zone 10/NAD27, and cataloged into Delta GIS Dataset (using ArcINFO 8.0.2) by Joel Dudas, 5/2001.

Attributes:

FID	Feature geometry.	ESRI
Data type: OID	Definition Source:	PERIMETER
Definition:	ESRI	Definition:
Internal feature number.	AREA	Perimeter of feature in
Definition Source:	Data type: Float	internal units.
ESRI	Definition:	Definition Source:
Shape	Area of feature in	ESRI
Data type: Geometry	internal units squared.	VCDE
Definition:	Definition Source:	Data type: Number

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

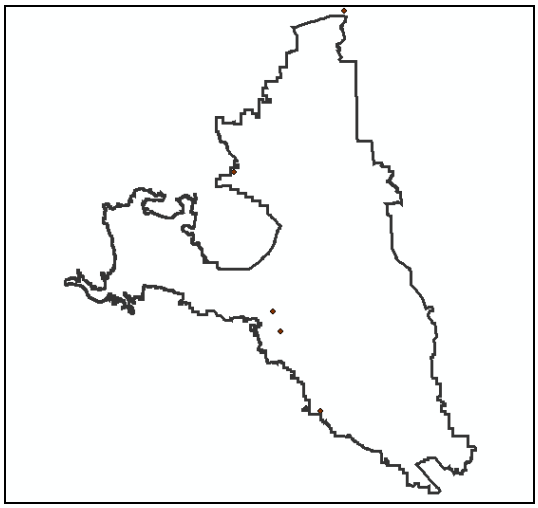
DWR

PWS_PLANT_	IDAT	SHLAT
Data type: Number	Data type: String	Data type: Number
PLANT__2	INTAKET	SHLNG
Data type: Number	Data type: String	Data type: String
KIN	INTRVWR	SHMILES
Data type: Number	Data type: String	Data type: Number
TYPE	LAT	SHNME
Data type: String	Data type: String	Data type: Number
AQCD	LATLON	SHPCT
Data type: String	Data type: String	Data type: Float
AVGD	LLPREC	SRC
Data type: String	Data type: Float	Data type: String
BUY	LONG	STA
Data type: String	Data type: String	Data type: Float
CC1	MAXD	STC
Data type: String	Data type: String	Data type: String
CNC	MILES	TYPCDE
Data type: String	Data type: Float	Data type: String
CNME	MIND	UHF
Data type: Number	Data type: String	Data type: String
CNN	NAME	WFPC
Data type: Number	Data type: Float	Data type: Float
CTITLE	NPD_	WFTYP
Data type: String	Data type: String	Data type: String
CTY	NWLS	WUN
Data type: String	Data type: String	Data type: String
DUD	OWN	PUBWATERSU
Data type: String	Data type: String	Data type: String
FQMINV	PAVGF	TUF
Data type: String	Data type: Number	Data type: String
FRDS	PCTSUP	PUBWATER_1
Data type: String	Data type: String	Data type: String
FRF3	PHONE	ASC_
Data type: String	Data type: Float	Data type: String
FRF3MI	PMAXF	POLYGONID
Data type: String	Data type: Number	Data type: Number
GEOAG	POPSV	SCALE
Data type: String	Data type: String	Data type: Float
GEOCDE	REG	ANGLE
Data type: String	Data type: Float	Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

pumps_delta.shp



Geometry Type: Point
Number of records: 6

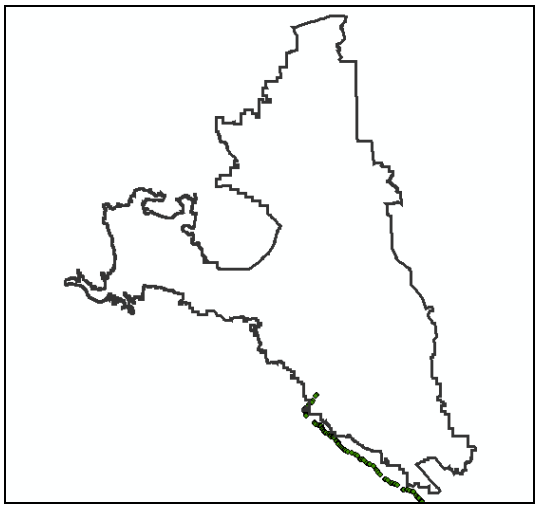
Attributes:

FID	ESRI	Definition Source:
Data type: OID	Shape	ESRI
Definition:	Data type: Geometry	Id
Internal feature number.	Definition:	Data type: Number
Definition Source:	Feature geometry.	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

StateWaterProjectFacilities.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 2504
Theme: SWP Facilities
Place: California
Temporal: 1999
Abstract
State Water Project facility point locations throughout the extent of the operational area. This is a fairly specific and detailed database of any features that exist along the SWP.
Purpose
O & M of SWP.
Supplementary Information
Source is DWR SWP Planning (Mary Serrato), originally from Robyn's Starr's work for SWP & O&M, submitted to DWR roughly around 1/1999. Evaluated, projection defined as Geographic/NAD83, and cataloged into DWR GIS Library (using ArcGIS 8.1) by Joel Dudas, 11/2001.

Attributes:

FID	Definition:	Definition Source:
Data type: OID	Internal feature number.	ESRI
Definition:	Definition Source:	BRANCH
Internal feature number.	ESRI	Data type: String
Definition Source:	Shape	MP
ESRI	Data type: Number	Data type: Float
OBJECTID	Definition:	LONGITUDE
Data type: OID	Feature geometry.	Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

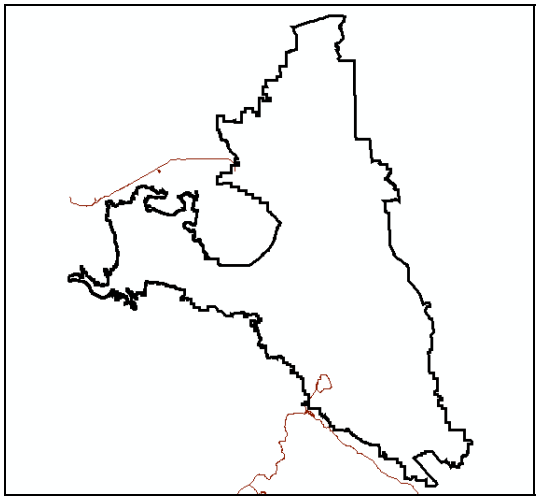
DWR

LATITUDE	SIZE_	NOTES
Data type: String	Data type: String	Data type: String
STRUCTURE	VOLUME	
Data type: String	Data type: String	
SIDE	OWNER	
Data type: String	Data type: String	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

StateWaterProjectWaterways.shp



*Data Available for all of California
Geometry Type: Line
Number of records: 27

Attributes:

length
Data type: Double

Shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source:
ESRI

OBJECTID
Data type: Number
Definition:
Internal feature number.
Definition Source:
ESRI

Name
Data type: String
type

Data type: String

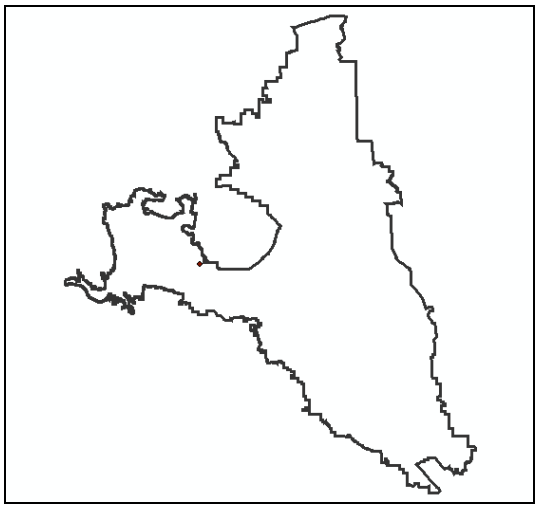
FID
Data type: Float
Definition:
Internal feature number.
Definition Source:
ESRI

Shape_Leng
Data type: Float

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

suisun_marsh_salinity_control_gates.shp



Geometry Type: Point
Number of records: 1
Theme: State Water Project waterways, California Aqueduct
Temporal: 1999
Abstract State Water Project waterways, including the California Aqueduct, throughout the extent of the operational area. Names of the hydrographic features are also included.
Purpose
O & M of SWP.
Supplementary Information
Source of this modified dataset is Harry Spanglet, DWR DES, who took the Starr version, composited the lines, and attributed them. The result is a simpler, more elegant, more useful dataset. Joel Dudas (DWR D Levees) took Spanglet's dataset and converted from Teale Albers/NAD27 to Geographic/NAD83 using ArcGIS 8.3, double-precision, NADCON, then imported shapefile to geoDB feature class. Source of origin dataset is DWR SWP Planning (Mary Serrato), originally from Robyn's Starr's work for SWP & O&M, submitted to DWR roughly around 1/1999. Evaluated, projection defined as Geographic/NAD83, imported from shapefile into "infrastructure" geodatabase feature dataset "state_water_project" as feature class "swp_facilities", and cataloged into DWR GIS Library (using ArcGIS 8.1) by Joel Dudas, 11/2001.

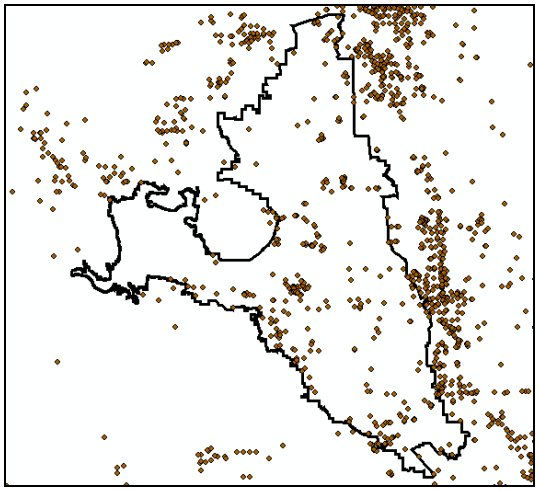
Attributes:

FID	Shape	Id
Data type: OID	Data type: Geometry	Data type: Number
Definition: Internal feature number.	Definition: Feature geometry.	
Definition Source: ESRI	Definition Source: ESRI	

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

wells_dhs.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 11224
Theme: Wells, from DHS database
Place: California
Temporal: 2001
Abstract
Well points, from the DHS (Department of Health Services) database. Data files as of March, 2001. I presume this came from Rob Schwarz as part of the Bulletin 118 efforts, as it was in a folder named "tiger&sections_from_Rob".
The DHS wells are public water supply wells, monitored as mandated by DHS.
There *may* be location problems for some of these wells. This is under investigation.
This "dhs_wells" shapefile does not agree and has a different attribute table than the other "dhs_wells" shapefile...also currently under investigation.
There is extensive water quality data located for the well points in the database files located in this folder.
Purpose
Groundwater resources assessments.
Supplementary Information
Source is Bill Brewster (DWR Central District), obtained 10/2001. Evaluated & cataloged into Delta GIS Library by Joel Dudas, 10/2001.

Attributes:

FID	Internal feature number.	OBJECTID
Data type: OID	Definition Source:	Data type: OID
Definition:	ESRI	Definition:

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

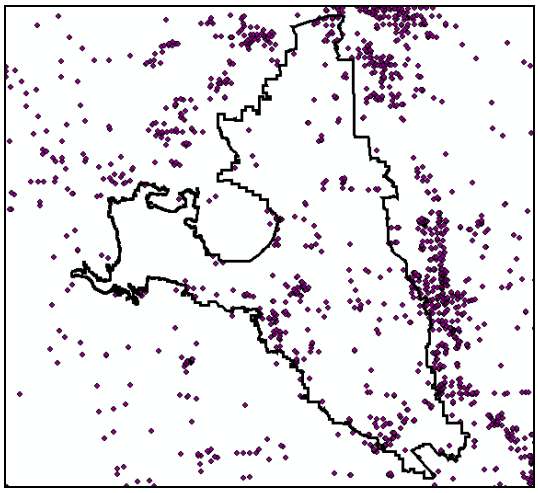
DWR

Internal feature number.	Z103039_00	GWBASIN
Definition Source:	Data type: String	Data type: String
ESRI	N3	TYPE
Shape	Data type: Float	Data type: String
Data type: Number	N4	SUBBSN_
Definition:	Data type: Float	Data type: String
Feature geometry.	N5	SUBNAME
Definition Source:	Data type: Float	Data type: String
ESRI	N6	BSN_SUB_
MAPKEY	Data type: Float	Data type: String
Data type: String	U	Label
N1	Data type: String	Data type: String
Data type: Float		

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

wells_dhs_alt.shp



*Data Available for all of California
Geometry Type: Point
Number of records: 20833
Theme: Wells, from DHS database
Place: California
Temporal: 2001
Abstract
Well points, from the DHS (Department of Health Services) database. Data files as of April, 2001.
The DHS wells are public water supply wells, monitored as mandated by DHS.
There *may* be location problems for some of these wells. This is under investigation.
This "dhs_wells_alt" shapefile does not agree and has a different attribute table than the other "dhs_wells" shapefile...also currently under investigation.
There is extensive water quality data located for the well points in the database files located in this folder.
Purpose
Groundwater resources assessments.
Supplementary Information
Source is Bill Brewster (DWR Central District), obtained 10/2001. Evaluated & cataloged into Delta GIS Library by Joel Dudas, 10/2001.

Attributes:

FID	Definition Source:	Definition:
Data type: OID	ESRI	Internal feature number.
Definition:	OBJECTID	Definition Source:
Internal feature number.	Data type: OID	ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Shape
Data type: Number
Definition:
Feature geometry.
Definition Source:
ESRI
PRIM_STA_C
Data type: String
FRDS_NO
Data type: String
COUNTY
Data type: Number
DISTRICT
Data type: Number
USER_ID
Data type: String
SYSTEM_NO
Data type: String

WATER_TYPE
Data type: String
SOURCE_NAM
Data type: String
STATION_TY
Data type: String
LATITUDE
Data type: Float
LONGITUDE
Data type: Float
LAT_DEC_DE
Data type: Float
LON_DEC_DE
Data type: Float
PRECISION_
Data type: Number
STATUS
Data type: String

COMMENT_1
Data type: Number
COMMENT_2
Data type: Number
COMMENT_3
Data type: Number
COMMENT_4
Data type: Number
COMMENT_5
Data type: Number
COMMENT_6
Data type: Number
COMMENT_7
Data type: Number
Label
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

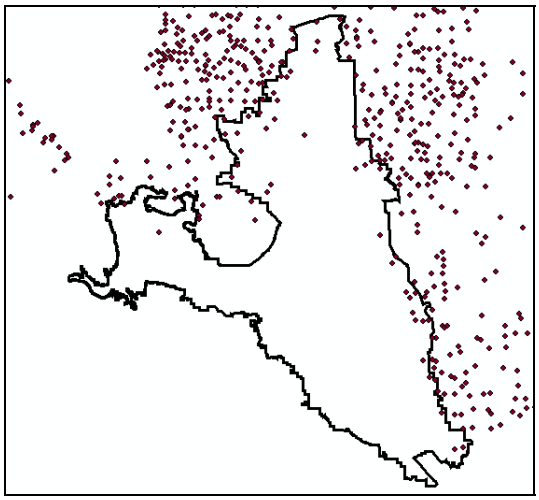
DRMS (Delta Risk Management Strategy)
DWR

wells_merge.shp

ENTIRELY CORRUPT

DRMS (Delta Risk Management Strategy)
DWR

WellsExterraDB.shp



Geometry Type: Point
Number of records: 1093
Theme: Wells, Exterra
Place: Central District
Temporal: 2000
Abstract
Groundwater wells from the exterra database.
Mapped from location descriptions given for monitoring wells, where wellpoints were placed on quad maps and then digitized as point locations. Some were GPSed. Eric Senter originally generated this work for water levels DWR, or other cooperating agencies, monitors.
Xterra does not include any detailed information about well construction, specs, or whether it is domestic or ag use.
Purpose
Groundwater resources assessments.
Supplementary Information
Source is Bill Brewster (DWR Central District), obtained 9/2001. Evaluated & cataloged into Delta GIS Library by Joel Dudas, 10/2001.

Attributes:

FID	OBJECTID	Shape
Data type: OID	Data type: OID	Data type: Number
Definition:	Definition:	Definition:
Internal feature number.	Internal feature number.	Feature geometry.
Definition Source:	Definition Source:	Definition Source:
ESRI	ESRI	ESRI

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

SWN
Data type: String
COUNTYCODE
Data type: String
UTMEAST
Data type: Float
UTMNORTH
Data type: Float
MEASDATE
Data type: String
MEASFREQ
Data type: String
RPELEV
Data type: Float
DBRP
Data type: Float
GSELEV
Data type: Float
QMCODE
Data type: String
NMCODE
Data type: String
AGENCY
Data type: Float
BASIN_
Data type: Float
BASIN_ID
Data type: Float
DWR_
Data type: String
GWBASIN
Data type: String
TYPE
Data type: String
SUBBSN_
Data type: String
SUBNAME
Data type: String
Label
Data type: String

Note: Yellow Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh